APPENDIX A

SITE PLAN

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE "IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION", (ISPWC) CURRENT EDITION, AND THE CITY OF LEWISTON STANDARD DRAWINGS AND SPECIFICATIONS. IN THE CASE OF CONFLICT, THE MOST STRINGENT STANDARD SHALL APPLY.
2. NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL OF THE ENGINEER. ALL PROPOSED REVISIONS SHALL BE SUBMITTED BY THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL BY THE STATE OF IDAHO.
3. NO REVISIONS SHALL BE MADE TO THE CITY STANDARD DRAWINGS OR NOTES WITHOUT WRITTEN APPROVAL OF THE ENGINEER. REVISIONS OF CITY STANDARD DRAWINGS SHALL BE CLEARLY IDENTIFIED UPON THE APPROVED DRAWINGS; REVISIONS OR ADDITIONS TO STANDARD NOTES SHALL BE PROVIDED ONLY WITHIN THE SUPPLEMENTAL NOTES.
4. ALL SAFETY STANDARDS AND REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND COMPLIED WITH AS SET FORTH BY OSHA.
5. EXISTING UTILITIES SHALL BE LOCATED BY CONTACTING CALL BEFORE YOU DIG AT 811, AT LEAST 48 HOURS PRIOR TO STARTING ANY EXCAVATIONS. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANIES PRIOR TO STARTING WORK NEAR ANY FACILITIES AND SHALL COORDINATE THEIR WORK WITH COMPANY REPRESENTATIVES.
6. WORK SHALL NOT BEGIN UNTIL A PERMIT AND NOTICE TO PROCEED IS ISSUED BY THE STATE OF IDAHO.
7. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEERING INSPECTOR AT LEAST 48 HOURS PRIOR TO STARTING WORK OR PROCEEDING WITH NEW PHASES OF CONSTRUCTION. ALL INSPECTIONS SHALL BE SCHEDULED WITH A MINIMUM 24-HOUR NOTICE PRIOR TO TESTING.
8. AN APPROVED SET OF IMPROVEMENT PLANS SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.
9. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS, AND ALL OTHER PUBLIC RIGHTS-OF-WAY IN A CLEAN, SAFE AND USEABLE CONDITION. ALL SOIL, ROCK, OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION, AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY; PRIVATE OR PUBLIC, SHALL BE MAINTAINED IN A CLEAN, SAFE AND USEABLE CONDITION.
10. EXISTING PROPERTY CORNERS OR SURVEY MONUMENTS SHALL BE PROTECTED DURING THE COURSE OF CONSTRUCTION. ANY DAMAGED OR OBLITERATED CORNERS OR MONUMENTS SHALL BE RE-ESTABLISHED BY PROFESSIONAL SURVEYORS, LICENSED TO WORK IN THE STATE OF IDAHO, PRIOR TO FINAL ACCEPTANCE.
11. TREES NOT IDENTIFIED FOR REMOVAL SHALL BE PRESERVED OR PROTECTED IN AN APPROVED MANOR PRIOR TO COMMENCEMENT OF GRADING OPERATIONS.
12. THE ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF EROSION AND SEDIMENTATION CONTROL MEASURES PRIOR TO THE START OF CONSTRUCTION, AND AS NECESSARY DURING THE COURSE OF THE PROJECT. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THESE PLANS, AND THE "CATALOG OF STORM WATER BEST MANAGEMENT PRACTICES FOR IDAHO CITIES AND COUNTIES" AS PREPARED BY THE IDAHO DIVISION OF ENVIRONMENTAL QUALITY.
13. ALL PROJECTS HAVING THE POTENTIAL FOR RUNOFF DISCHARGE TO ANY SURFACE WATER BODY; SHALL FILE A NOTICE OF INTENT (NOI), WITH THE EPA. COPIES OF ANY REQUIRED STORM WATER POLLUTION PREVENTION PLANS (SWPPP) OR NOI SHALL BE PROVIDED TO THE CITY PRIOR TO START OF CONSTRUCTION.
14. ALL CONCRETE, UNLESS OTHERWISE SPECIFIED, SHALL BE COMMERCIAL GRADE PORTLAND CEMENT WITH AIR ENTRAINMENT (6.5% +/- 1.5%), AND A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI.
15. ALL UNDERGROUND UTILITY LATERALS SHALL BE INSTALLED AND APPROVED BEFORE CONSTRUCTION OF CURBS, CROSS GUTTERS, SIDEWALKS OR THE SURFACING OF STREETS.
16. SURFACE RESTORATION OF ROADWAY CUTS SHALL COMPLY WITH THE CITY'S ROADWAY CUT POLICY. PERMANENT ROADWAY PATCHING SHALL BE PLACED WITHIN 7 DAYS OF THE INITIAL ROADWAY CUT. TEMPORARY PATCHING THAT UTILIZES A MINIMUM OF 2 INCHES OF ASPHALT CONCRETE (COLD MIX) SHALL BE PLACED WITHIN 24 HOURS OF THE INITIAL ROADWAY CUT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL TEMPORARY PATCHING AND SHALL WARRANT ALL PERMANENT PATCHING FOR A PERIOD OF 2 YEARS.
17. ALL TRENCHES AND ROADWAY CUTS WITHIN PUBLIC EASEMENTS OR RIGHTS-OF-WAY SHALL BE COMPACTED IN ACCORDANCE WITH SD 301. COMPACTION TEST RESULTS SHALL BE CERTIFIED BY THE ENGINEER OF RECORD AND SUBMITTED TO THE CITY ENGINEER FOR APPROVAL PRIOR TO ANY PAVING AND FINAL ACCEPTANCE OF WORK.
18. ALL OPERATIONS CONDUCTED ON THE PREMISES SHALL BE RESTRICTED TO THE HOURS BETWEEN 6:00 A.M. AND 10:00 P.M., UNLESS OTHERWISE APPROVED BY THE CITY. THIS INCLUDES THE WARMING UP, REPAIR, ARRIVAL DEPARTURE OR RUNNING OF TRUCKS, EARTHMOVING EQUIPMENT, CONSTRUCTION EQUIPMENT OR ANY OTHER ASSOCIATED EQUIPMENT.
19. ALL IMPROVEMENTS SHALL BE JOINED OR MATCHED IN A MANNER SATISFACTORY TO THE CITY ENGINEER. THIS INCLUDES ALL UTILITY CONNECTIONS AND NECESSARY SAW CUTTING, REMOVAL, REPLACEMENT, EXTENSION, AND CAPPING ASSOCIATED WITH CURB AND GUTTER, SIDEWALKS, SWALES, ASPHALT, CONCRETE OR OTHER PAVING.
20. THE ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR ALL PROJECT INSPECTIONS, INCLUDING MATERIALS TESTING AND QUALITY CONTROL. COPIES OF DAILY REPORTS AND TEST RESULTS SHALL BE MADE AVAILABLE TO THE CITY ENGINEER FOR REVIEW ON A WEEKLY BASIS, FAILURE TO PROVIDE REPORTS MAY RESULT IN SUSPENSION OF CONSTRUCTION. PROJECT CERTIFICATION AND AS-BUILT DRAWINGS SHALL BE SUBMITTED TO THE CITY ENGINEER PRIOR TO FINAL ACCEPTANCE AND IN CONFORMANCE WITH THE CITY'S ELECTRONIC SUBMITTAL STANDARDS.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL, IN ACCORDANCE WITH THE M.U.T.C.D., CURRENT EDITION. AT LEAST 48 HOURS PRIOR TO DISRUPTION OF ANY TRAFFIC, TRAFFIC CONTROL PLANS SHALL BE PREPARED AND SUBMITTED TO THE CITY ENGINEERING DIVISION FOR APPROVAL. NO WORK SHALL COMMENCE UNTIL A PERMIT IS ISSUED AND ALL APPROVED TRAFFIC CONTROL IS IN PLACE.
22. ALL LANDSCAPING MAINTAINED BY THE PROPERTY OWNERS ASSOCIATION SHALL HAVE AN IRRIGATION INSTALLED AND FUNCTIONING.
23. ALL DISTURBED AREAS OF THE PUBLIC RIGHTS-OF-WAY SHALL BE TOP COATED WITH A MINIMUM OF 1 INCH OF TOPSOIL AND SEEDED WITH A DRY LAND MIX EQUIVALENT TO THE CITY'S STORM DRAINAGE STANDARDS.
24. ALL PAVING PROJECTS WILL NEED TO ADHERE TO THE CITY OF LEWISTON PAVEMENT CUT POLICY.
25. INFORMATION ON EXISTING CONDITIONS AND BOUNDARIES / RIGHT OF WAY SHOWN ON THESE PLANS WAS OBTAINED FROM A SURVEY NOT PERFORMED BY COFFMAN ENGINEERS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND REQUIRED ELEVATIONS AT THE SUBJECT SITE. VERIFY THE LOCATION AND SIZE OF EXISTING UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION ACTIVITIES, INCLUDING UNDERGROUND AND OVERHEAD UTILITIES, UTILITY STRUCTURES, POINTS OF CONNECTION, AND UTILITY CROSSINGS. NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR EXCEPTIONS ENCOUNTERED PRIOR TO PROCEEDING.
26. THE CONTRACTOR SHALL HAVE A COMPLETE SET OF APPROVED PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
27. THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THIS PROJECT IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS, INCLUDING SUCH INCIDENTALS AS MAY BE NECESSARY TO MEET THE REQUIREMENTS AND STANDARDS OF THE AUTHORITIES HAVING JURISDICTION.
28. THE DRAWINGS INDICATE LOCATIONS, DIMENSIONS, REFERENCES, AND TYPICAL DETAILS OF CONSTRUCTION. THE DRAWINGS DO NOT INDICATE EVERY CONDITION. WORK NOT FULLY DETAILED SHALL BE OF CONSTRUCTION SIMILAR TO PARTS THAT ARE FULLY DETAILED.
29. THE CONTRACTOR SHALL OBTAIN THE APPROPRIATE APPROVALS AND PERMITS FROM THE AUTHORITIES HAVING JURISDICTION PRIOR TO PROCEEDING WITH CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL COORDINATE WITH THE AUTHORITIES HAVING JURISDICTION TO CONFIRM INSPECTION, TESTING, AND CERTIFICATION REQUIREMENTS.
30. CONSTRUCTION SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG).
31. EXISTING PROPERTY CORNERS AND SURVEY MONUMENTS SHALL BE PROTECTED DURING CONSTRUCTION. ANY DAMAGED OR OBLITERATED CORNERS OR MONUMENTS SHALL BE RE-ESTABLISHED BY A PROFESSIONAL SURVEYOR AT THE CONTRACTOR'S EXPENSE.
32. THE CONTRACTOR SHALL HAVE THE APPROPRIATE LICENSES TO PERFORM THE SPECIFIED WORK IN CONFORMANCE WITH THE AUTHORITIES HAVING JURISDICTION.
33. REFER TO ARCHITECTURAL AND STRUCTURAL DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING CONSTRUCTION OF STRUCTURES, ENCLOSURES, STAIRS, SIDEWALKS/PATHS, LANDINGS/PATIOS, FENCING, RAILING, AND GATES.
34. RECORD DRAWINGS IDENTIFYING AND ACCURATELY LOCATING SUBSURFACE UTILITIES AND IMPROVEMENTS AND NOTING AS-CONSTRUCTED CONDITIONS SHALL BE PROVIDED BY THE CONTRACTOR AT THE END OF CONSTRUCTION.

EROSION & SEDIMENT CONTROL NOTES

1. THE FOLLOWING CONSTRUCTION SEQUENCE IS RECOMMENDED AS A GUIDELINE IN ORDER TO BEST MINIMIZE THE POTENTIAL FOR EROSION AND SEDIMENTATION CONTROL PROBLEMS:
   a) CLEAR AND GRUB SUFFICIENTLY FOR INSTALLATION OF TEMPORARY EROSION AND SEDIMENT CONTROL (ESC) BEST MANAGEMENT PRACTICE MEASURES (BMPS);
   b) INSTALL TEMPORARY ESC BMPS, CONSTRUCTING SEDIMENT TRAPPING BMPS AS ONE OF THE FIRST STEPS PRIOR TO GRADING;
   c) CLEAR, GRUB AND ROUGH GRADE FOR ROADS, TEMPORARY ACCESS POINTS AND UTILITY LOCATIONS;
   d) STABILIZE ROADWAY APPROACHES AND TEMPORARY ACCESS POINTS WITH THE APPROPRIATE CONSTRUCTION ENTRY BMP;
   e) CLEAR, GRUB AND GRADE SUBJECT SITE;
   f) TEMPORARILY STABILIZE, THROUGH RE-VEGETATION OR OTHER APPROPRIATE BMPS, SUBJECT SITE IN SITUATIONS WHERE SUBSTANTIAL CUT OR FILL SLOPES ARE A RESULT OF THE SITE GRADING;
   g) CONSTRUCT ROADS, BUILDINGS, PERMANENT STORMWATER FACILITIES (I.E. INLETS, PONDS, UIC FACILITIES, ETC.);
   h) PROTECT ALL PERMANENT STORMWATER FACILITIES UTILIZING THE APPROPRIATE BMPS;
   i) INSTALL PERMANENT ESC CONTROLS, WHEN APPLICABLE, AND,
   j) REMOVE TEMPORARY ESC CONTROLS WHEN:
      i. PERMANENT ESC CONTROLS, WHEN APPLICABLE, HAVE BEEN COMPLETELY INSTALLED;
      ii. ALL LAND-DISTURBING ACTIVITIES THAT HAVE THE POTENTIAL TO CAUSE EROSION OR SEDIMENTATION PROBLEMS HAVE CEASED; AND,
      iii. VEGETATION HAS BEEN ESTABLISHED IN THE AREAS NOTED AS REQUIRING VEGETATION ON THE ACCEPTED ESC PLAN ON FILE WITH THE LOCAL JURISDICTION.
2. INSPECT ALL ROADWAYS, AT THE END OF EACH DAY, ADJACENT TO THE CONSTRUCTION ACCESS ROUTE. IF IT IS EVIDENT THAT SEDIMENT HAS BEEN TRACKED OFF SITE AND/OR BEYOND THE ROADWAY APPROACH, CLEANING IS REQUIRED.
3. IF SEDIMENT REMOVAL IS NECESSARY PRIOR TO STREET WASHING, IT SHALL BE REMOVED BY SHOVELING OR PICKUP SWEEPING AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
4. IF STREET WASHING IS REQUIRED TO CLEAN SEDIMENT TRACKED OFF SITE, ONCE SEDIMENT HAS BEEN REMOVED, STREET WASH WASTEWATER SHALL BE CONTROLLED BY PUMPING BACK ON-SITE OR OTHERWISE PREVENTED FROM DISCHARGING INTO SYSTEMS TRIBUTARY TO WATERS OF THE STATE.
5. RESTORE CONSTRUCTION ACCESS ROUTE EQUAL TO OR BETTER THAN THE PRE-CONSTRUCTION CONDITION.
6. RETAIN THE DUFF LAYER, NATIVE TOPSOIL, AND NATURAL VEGETATION IN AN UNDISTURBED STATE TO THE MAXIMUM EXTENT PRACTICAL.
7. INSPECT SEDIMENT CONTROL BMPS WEEKLY AT A MINIMUM, DAILY DURING A STORM EVENT, AND AFTER ANY DISCHARGE FROM THE SITE (STORMWATER OR NON-STORMWATER). THE INSPECTION FREQUENCY MAY BE REDUCED TO ONCE A MONTH IF THE SITE IS STABILIZED AND INACTIVE.
8. CONTROL FUGITIVE DUST FROM CONSTRUCTION ACTIVITY IN ACCORDANCE WITH THE STATE AND/OR LOCAL AIR QUALITY CONTROL AUTHORITIES WITH JURISDICTION OVER THE PROJECT AREA. DO NOT USE WATER WHEN IT MAY DAMAGE ADJACENT CONSTRUCTION OR CREATE HAZARDOUS OR OBJECTIONABLE CONDITIONS, SUCH AS ICE, FLOODING, AND POLLUTION.
9. STABILIZE EXPOSED UNWORKED SOILS (INCLUDING STOCKPILES), WHETHER AT FINAL GRADE OR NOT, WITHIN 10 DAYS DURING THE REGIONAL DRY SEASON (JULY 1 THROUGH SEPTEMBER 30) AND WITHIN 5 DAYS DURING THE REGIONAL WET SEASON (OCTOBER 1 THROUGH JUNE 30). SOILS MUST BE STABILIZED AT THE END OF A SHIFT BEFORE A HOLIDAY WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST. THIS TIME LIMIT MAY ONLY BE ADJUSTED BY A LOCAL JURISDICTION WITH A "QUALIFIED LOCAL PROGRAM," IF IT CAN BE DEMONSTRATED THAT THE RECENT PRECIPITATION JUSTIFIES A DIFFERENT STANDARD AND MEETS THE REQUIREMENTS SET FORTH IN THE CONSTRUCTION STORMWATER GENERAL PERMIT.
10. PROTECT INLETS, DRYWELLS, CATCH BASINS AND OTHER STORMWATER MANAGEMENT FACILITIES FROM SEDIMENT, WHETHER OR NOT FACILITIES ARE OPERABLE.
11. KEEP ROADS ADJACENT TO INLETS CLEAN.
12. INSPECT INLETS WEEKLY AT A MINIMUM AND DAILY DURING STORM EVENTS.
13. CONSTRUCT STORMWATER CONTROL FACILITIES (DETENTION/RETENTION STORAGE POND OR SWALES) BEFORE GRADING BEGINS. THESE FACILITIES SHALL BE OPERATIONAL BEFORE THE CONSTRUCTION OF IMPERVIOUS SITE IMPROVEMENTS.
14. STOCKPILE MATERIALS (SUCH AS TOPSOIL) ON SITE, KEEPING OFF OF ROADWAY AND SIDEWALKS.
15. COVER, CONTAIN AND PROTECT ALL CHEMICALS, LIQUID PRODUCTS, PETROLEUM PRODUCT, AND NON-INERT WASTES PRESENT ON SITE FROM VANDALISM, USE SECONDARY CONTAINMENT FOR ON-SITE FUELING TANKS.
16. CONDUCT MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM REPAIRS, SOLVENT AND DE-GREASING OPERATIONS, FUEL TANK DRAIN DOWN AND REMOVAL, AND OTHER ACTIVITIES THAT MAY RESULT IN DISCHARGE OR SPILLAGE OF POLLUTANTS TO THE GROUND OR INTO STORMWATER RUNOFF USING SPILL PREVENTION MEASURES, SUCH AS DRIP PANS. CLEAN ALL CONTAMINATED SURFACES IMMEDIATELY FOLLOWING ANY DISCHARGE OR SPILL INCIDENT. IF RAINING OVER EQUIPMENT OR VEHICLE, PERFORM EMERGENCY REPAIRS ON SITE USING TEMPORARY PLASTIC BENEATH THE VEHICLE.
17. CONDUCT APPLICATION OF AGRICULTURAL CHEMICALS, INCLUDING FERTILIZERS AND PESTICIDES, IN SUCH A MANNER, AND AT APPLICATION RATES, THAT INHIBITS THE LOSS OF CHEMICALS INTO STORMWATER RUNOFF FACILITIES. AMEND MANUFACTURER'S RECOMMENDED APPLICATION RATES AND PROCEDURES TO MEET THIS REQUIREMENT, IF NECESSARY.
18. INSPECT ON A REGULAR BASIS (AT A MINIMUM WEEKLY, AND DAILY DURING/AFTER A RUNOFF PRODUCING STORM EVENT) AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMPS TO ENSURE SUCCESSFUL PERFORMANCE OF THE BMPS. NOTE THAT INLET PROTECTION DEVICES SHALL BE CLEANED OR REMOVED AND REPLACED BEFORE SIX INCHES OF SEDIMENT CAN ACCUMULATE.
19. REMOVE TEMPORARY ESC BMPS WITHIN 30 DAYS AFTER THE TEMPORARY BMPS ARE NO LONGER NEEDED. PERMANENTLY STABILIZE AREAS THAT ARE DISTURBED DURING THE REMOVAL PROCESS.
20. PROVIDE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT SOIL EROSION AND DISCHARGE OF SOIL-BEARING WATER RUNOFF OR IMPROPERLY DISPOSED TO ADJACENT PROPERTIES, ACCORDING TO REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY, INCLUDING OBTAINING THE APPROPRIATE PERMITS AND APPROVALS.
21. EROSION CONTROL MEASURES IN ADDITION TO THOSE INDICATED AS PART OF THIS PLAN MAY BE REQUIRED DUE TO UNFORESEEN CONDITIONS, IF THE MEASURES DO NOT FUNCTION AS INTENDED, OR IF THE AUTHORITIES HAVING JURISDICTION DETERMINE INDICATED MEASURES ARE INADEQUATE.
22. FILTER FENCE SHALL BE USED TO AID IN CONTAINING ANY SEDIMENT ON THE SITE DURING CONSTRUCTION. STABILIZED CONSTRUCTION ENTRANCES SHALL BE USED AT POINTS OF INGRESS AND EGRESS FOR CONSTRUCTION VEHICLES. STORM DRAIN INLET PROTECTION SHALL BE USED ON ALL STORM DRAIN STRUCTURES, INCLUDING CATCH BASINS AND DRYWELLS. THE CONTRACTOR SHALL KEEP THE AREAS ADJACENT TO THE SITE INCLUDING ROADWAYS AND PARKING LOTS FREE FROM DEBRIS. REFER TO THE EROSION AND SEDIMENT CONTROL MEASURE DETAILS FOR ADDITIONAL INFORMATION.
23. PROVIDE A DESIGNATED, POSTED CONCRETE WASHOUT AREA. THE CONCRETE WASHOUT SHALL NOT BE ALLOWED TO DRAIN OFF THE SITE OR INTO ANY EXISTING OR FUTURE STORM DRAINAGE FACILITIES. HARDENED CONCRETE WASHOUT SHALL BE BROKEN UP AND REMOVED FROM THE SITE.
24. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
25. CONTRACTOR SHALL MAINTAIN A COPY OF SWPPP ON PROJECT SITE DURING CONSTRUCTION.

DEMOLITION NOTES

1. MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DO NOT INTERRUPT EXISTING UTILITIES SERVING ADJACENT OCCUPIED OR OPERATING FACILITIES UNLESS AUTHORIZED IN WRITING BY OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO OWNER AND AUTHORITIES HAVING JURISDICTION.
2. COORDINATE DEMOLITION OPERATIONS AND ANY REQUIRED UTILITY RELOCATIONS WITH THE OWNER AND APPROPRIATE UTILITY PURVEYOR, INCLUDING REQUIREMENTS AND SCHEDULING.
3. COORDINATE EXTENT OF DEMOLITION WITH PROPOSED IMPROVEMENTS. CONTRACTOR SHALL REVIEW THE PROJECT LIMITS TO DETERMINE THE QUANTITY AND TYPE OF DEMOLITION WASTE MATERIAL AND DEBRIS TO BE INCLUDED IN THEIR BID. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING, AND RELOCATING IF NECESSARY, ANY ITEMS NOT OTHERWISE NOTED THAT CONFLICT WITH THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY CONFLICTING ITEMS NOT SHOWN ON THE PLANS THAT MUST BE REMOVED OR RELOCATED.
4. COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
5. IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER AND OWNER.
6. CONDUCT DEMOLITION ACTIVITIES AND DEBRIS REMOVAL OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, WALKWAYS, AND OTHER ADJACENT FACILITIES.
7. REMOVE OBSTRUCTIONS, TREES, SHRUBS, GRASS, AND OTHER VEGETATION TO PERMIT INSTALLATION OF NEW CONSTRUCTION. REMOVAL OF TREES AND SHRUBS WITHIN AREA OF NEW CONSTRUCTION SHALL INCLUDE DIGGING OUT STUMPS AND OBSTRUCTIONS AND GRUBBING ROOTS. REMOVAL OF TREES IN AREAS ADJACENT TO TREES THAT ARE TO REMAIN AND BE PROTECTED SHALL INCLUDE TREE REMOVAL AND GRINDING OF STUMP TO 3" BELOW FINISHED GRADE. STUMP AND ROOT REMOVAL IS NOT ALLOWED IN THESE AREAS TO PRESERVE HEALTH OF ADJACENT TREES.
8. AREAS DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE CONSTRUCTED OR RESTORED TO ORIGINAL CONDITIONS OR BETTER, TO THE SATISFACTION OF THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES AND ANY DAMAGE THAT MAY OCCUR.
9. REMOVE DEMOLITION WASTE MATERIALS AND DEBRIS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA-APPROVED LANDFILL ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

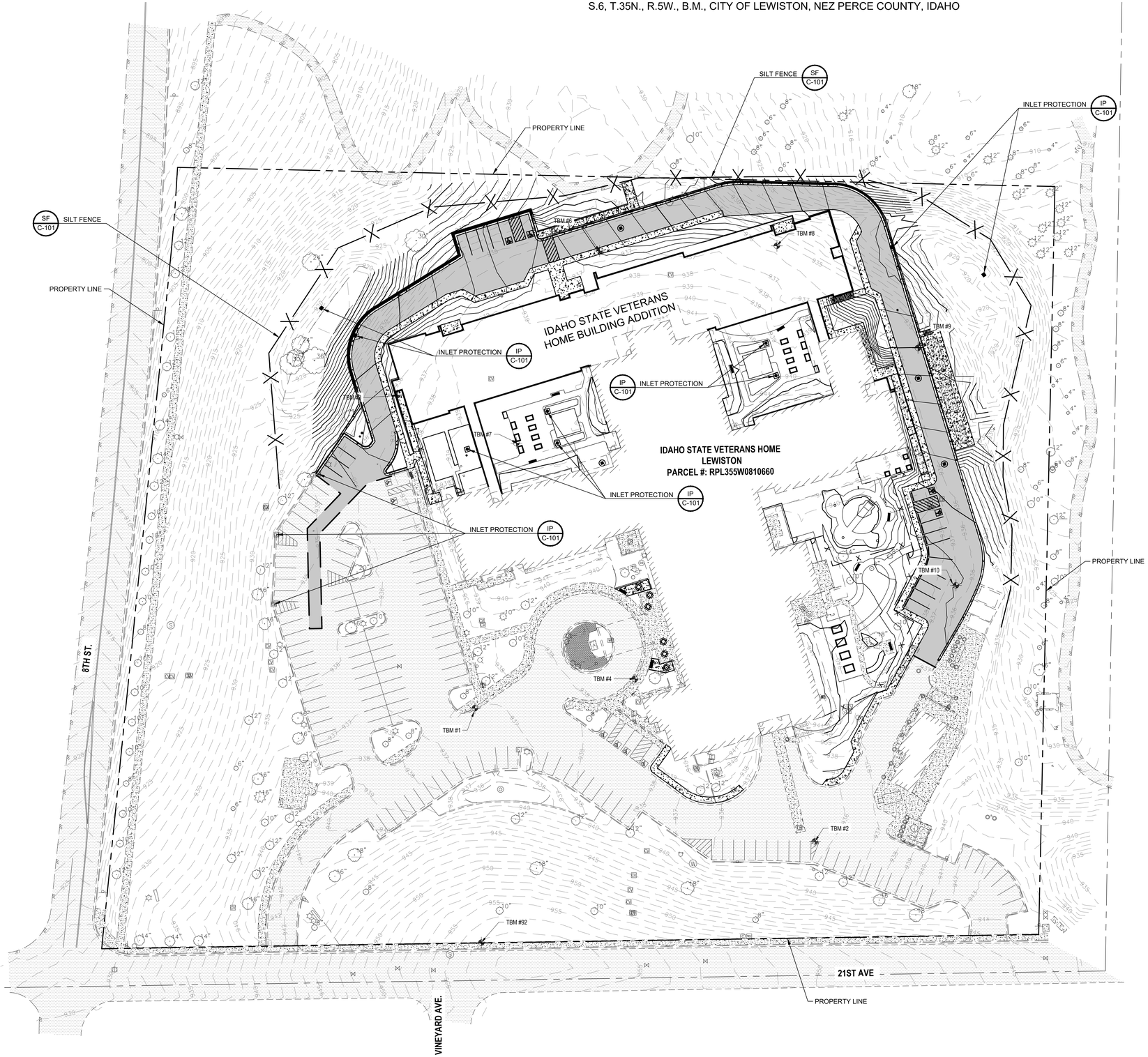
EARTHWORK & GRADING NOTES

1. ALL CUTS AND FILLS SHALL BE CONFINED TO THE LIMITS INDICATED WITHIN THE APPROVED GRADING PLANS.
2. THE CONTRACTOR SHALL INSURE THAT ALL TEMPORARY SLOPES ARE STABLE AND THAT APPROPRIATE EROSION MEASURES ARE IN PLACE AND MAINTAINED.
3. GROUNDWATER OR UNANTICIPATED GEOLOGIC CONDITIONS SHALL BE REPORTED TO THE GEOTECHNICAL ENGINEER FOR ASSESSMENT AND RECOMMENDATIONS.
4. ALL COMPACTION EFFORTS SHALL BE MONITORED AND TESTED BY AN EXPERIENCED SOILS TECHNICIAN, UNDER THE SUPERVISION OF A LICENSED GEOTECHNICAL ENGINEER REPRESENTING THE OWNER.
5. ALL MASS GRADING SHALL BE MONITORED, TESTED, AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER (GEOTECHNICAL ENGINEER).
6. CONTRACTOR IS TO NOTIFY THE GEOTECHNICAL ENGINEER, THE ENGINEER OF RECORD AND CITY ENGINEERING INSPECTOR 48 HOURS PRIOR TO EACH AND EVERY START OR STOPPING OF CONSTRUCTION, EACH TIME A LIFT OF GRADING IS READY FOR INSPECTION, AND EACH AND EVERY TIME THE CONTRACTOR IS REQUESTING GRADING INSPECTION FROM CITY. FAILURE TO NOTIFY MAY RESULT IN CONTRACTOR REMOVING ANY MATERIAL THAT HAS NOT BEEN INSPECTED.
7. ALL AREAS SHALL BE STRIPPED OF ORGANIC TOP SOIL AND NON-ENGINEERED FILL; IN ADDITION TO ALL BRUSH, STUMPS, AND ROOTS. ONSITE DISPOSAL OF ORGANIC MATERIALS IS NOT ALLOWED. THE GEOTECHNICAL ENGINEER SHALL REVIEW AND APPROVE ALL STRIPPED AND CLEARED AREAS PRIOR TO PLACEMENT OF FILL. PRIOR TO PLACING FILL, THE CLEARED AREAS SHALL BE SCARIFIED AND COMPACTED.
8. FILLS SHALL CONSIST OF WELL GRADED SANDS AND GRAVELS, WITH A MAXIMUM PARTICLE SIZE OF SIX INCHES, AND NO MORE THAN 20% PASSING THE NO. 200 SIEVE. THE GEOTECHNICAL ENGINEER SHALL PRE-APPROVE ALL IMPORT SOIL SOURCES.
9. BOULDERS AND COBBLES GREATER THAN 6 INCHES APPEARING IN THE EXCAVATION TO A DEPTH OF AT LEAST 4 INCHES BELOW SUBGRADE SHALL BE REMOVED.
10. ALL FILL MATERIAL SHALL BE DRIED OR MOISTENED TO WITHIN 2% OF THE OPTIMUM MOISTURE, PRIOR TO PLACEMENT. LIFTS SHALL NOT EXCEED EIGHT INCHES. ALL FILL SHALL BE COMPACTED TO AT LEAST 90% OF MODIFIED PROCTOR (ASTM D-1557, AASHTO T-180), WITH THE TOP 12 INCHES WITHIN THE ROADWAY PRISM COMPACTED TO 95% OF THE MODIFIED PROCTOR. MATERIAL TOO COARSE TO TEST PER THE SPECIFIED STANDARDS SHALL BE PLACED IN CONTROLLED LIFTS UNDER A PERFORMANCE BASED METHOD, AS OUTLINED WITHIN ISPWC.
11. EMBANKMENTS SHALL NOT BE CONSTRUCTED ON FROZEN OR SNOW-COVERED FOUNDATIONS, OR WITH THE USE OF FROZEN MATERIALS.
12. EMBANKMENTS CONSTRUCTED ON SLOPES GREATER THAN 5 HORIZONTAL TO 1 VERTICAL (5:1) SHALL BE KEYED INTO THE UNDISTURBED GROUND WITH HORIZONTAL BENCHES OF SUFFICIENT WIDTH TO ALLOW FOR THE PROPER OPERATION OF COMPACTION EQUIPMENT.
13. THE FINAL LIMITS OF CUT AND FILL SHALL BE RECORDED WITH THE BOUNDARY TOPOGRAPHY AND SURVEY BY THE ENGINEER OR RECORD. THE GEOTECHNICAL ENGINEER SHALL SUBMIT A CERTIFICATION OF THE FILL, ALONG WITH COPIES OF OBSERVATIONS AND TESTING.
14. IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE ENGINEER OF RECORD SHALL BE IMMEDIATELY NOTIFIED IN ORDER TO PROVIDE GUIDANCE TO CONTRACTOR.
15. SITE PREPARATION, GRADING, EXCAVATION AND FILL REQUIREMENTS BELOW THE PROPOSED IMPROVEMENTS, EMBANKMENTS, AND UTILITY TRENCHING SHALL BE COMPLETED IN CONFORMANCE WITH IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION AND THE GEOTECHNICAL ENGINEERING EVALUATION FOR THE SUBJECT SITE.
16. EXAMINE EXPOSED SUBGRADES AND BASE SURFACES FOR COMPLIANCE WITH REQUIREMENTS FOR DIMENSIONAL, GRADING, AND ELEVATION TOLERANCES. PREVENT SURFACE WATER AND GROUNDWATER FROM ENTERING EXCAVATIONS, FROM PONDING ON PREPARED SUBGRADES AND BASE SURFACES, AND FROM FLOODING PROJECT SITE AND SURROUNDING AREA. PROTECT SUBGRADES AND BASE SURFACES FROM SOFTENING, UNDERMINING, WASHOUT, DAMAGE BY RAIN OR WATER ACCUMULATION, AND AGAINST FREEZING TEMPERATURES AND FROST.
17. REFER TO ARCHITECTURAL DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING ANY STEPS IN FINISH FLOOR ELEVATION, BASEMENT ELEVATION, AND EXTERIOR DOOR LOCATIONS. COORDINATE ARCHITECTURAL ELEVATIONS WITH SITE GRADING.
18. REFER TO LANDSCAPE DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING BERM ELEVATIONS, LANDSCAPE GRADING, LANDSCAPE DRAINS, PLACEMENT OF TOPSOIL, AND COORDINATION BETWEEN LANDSCAPING AND STORM WATER MANAGEMENT IMPROVEMENTS.
19. SPOT ELEVATIONS ARE FOR FINISH GRADE UNLESS OTHERWISE NOTED.
20. UNLESS ELEVATIONS AND/OR CONTOURS ARE OTHERWISE SHOWN, NEW FINISH GRADE SURFACES SHALL BE PLACED TO ALLOW FOR POSITIVE DRAINAGE TO RUNOFF COLLECTION DEVICES OR FACILITIES. MAINTAIN POSITIVE DRAINAGE AWAY FROM BUILDINGS. IF FIELD GRADE ADJUSTMENTS ARE REQUIRED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.

PAVING NOTES

1. ALL FILL PLACED WITHIN PAVED AREAS SHALL BE COMPACTED TO 90% OF THE MODIFIED PROCTOR, WITH THE EXCEPTION OF THE TOP 12 INCHES OF SUB-GRADE THAT SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR (ASTM D-1557).
2. PRIOR TO PLACING BASE MATERIAL, THE FOLLOWING SHALL BE COMPLETED:
   a. ALL PUBLIC UTILITIES SHALL BE INSTALLED, TESTED AND APPROVED.
   b. THE ENGINEER OF RECORD SHALL CERTIFY AND PROVIDE COPIES OF COMPACTION TEST RESULTS TO THE CITY ENGINEER, FOR ALL TRENCHES AND SUB-GRADE.
   c. THE LINE AND GRADE OF THE SUB-GRADE SHALL BE INSPECTED AND APPROVED.
   d. A PROOF-ROLL OF THE SUB-GRADE SHALL BE PERFORMED AND OBSERVED BY THE ENGINEER OF RECORD AND CITY ENGINEERING INSPECTOR.
   e. OBTAIN AUTHORIZATION FROM THE ENGINEER OF RECORD AND CITY ENGINEERING INSPECTOR, TO PROCEED WITH PLACEMENT OF BASE MATERIAL. THE CITY ENGINEERING INSPECTOR SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO PLACEMENT OF BASE MATERIAL.
3. CRUSHED AGGREGATE BASE SHALL CONFORM TO THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION, SECTION 802, (TYPE 1) ¾-INCH MAXIMUM AGGREGATE SIZE, AND SHALL BE COMPACTED TO THE FOLLOWING SPECIFICATIONS:
   a. ROADWAY: 95%-MODIFIED PROCTOR.
   b. CURB BASE AND DRIVEWAY APPROACHES: 92%-MODIFIED PROCTOR.
   c. SIDEWALKS OR TRAILS: 90%-MOD

S.6, T.35N., R.5W., B.M., CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO



40 20 0 40 80

SCALE: 1 INCH = 40 FEET

TBM INFORMATION

POINT #	NORTHING	EASTING	GRID NORTHING	GRID EASTING	ELEVATION	DESCRIPTION
1	1727631.67	2304329.29	1727631.67	2304329.29	936.92	SET X
2	1727524.89	2304601.85	1727524.89	2304601.85	935.50	SET MAG
3	1727882.70	2304267.19	1727882.70	2304267.19	936.08	SET MAG+TAG
4	1727655.08	2304457.64	1727655.09	2304457.64	939.10	SET MAG+TAG
6	1727998.37	2304429.26	1727998.37	2304429.26	936.68	SET MAG+TAG
7	1727844.33	2304362.58	1727844.33	2304362.58	939.43	SET MAG+TAG
8	1728002.47	2304571.35	1728002.47	2304571.36	935.78	SET MAG+TAG
9	1727920.63	2304684.51	1727920.63	2304684.52	935.40	SET MAG+TAG

BENCH MARK NOTE

CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS AND BENCH MARKS. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

LEGEND

- 935 — EXISTING CONTOUR
- 935 — PROPOSED CONTOUR
- PROPERTY LINE
- EXISTING BUILDING
- PROPOSED BUILDING
- SILT FENCE
- EXISTING CATCH BASIN
- PROPOSED CATCH BASIN

NOTES

1. SEE SHEET C-001 FOR EROSION AND SEDIMENT CONTROL NOTES.
2. REFER TO SHEET C-101 FOR EROSION AND SEDIMENT CONTROL DETAILS.
3. CONTRACTOR TO TAKE WHATEVER MEASURES ARE NECESSARY TO CONTROL SITE EROSION AND TRANSPORTATION OF SEDIMENTS OFF THE SITE. MEASURES REQUIRED MAY INCLUDE SILT FENCE PER DETAIL SF, SHEET C-101 AND STORM DRAIN INLET PROTECTION PER DETAIL IP, SHEET C-101. CONTRACTOR SHALL INSPECT AND MAINTAIN THESE MEASURES ROUTINELY DURING CONSTRUCTION AND IMMEDIATELY FOLLOWING ANY STORM EVENTS.
4. TEMPORARY EROSION CONTROL AND WATER POLLUTION MEASURES SHALL COMPLY WITH CITY OF LEWISTON STANDARDS.

UTILITY STATEMENT
LOCATION OF EXISTING UNDERGROUND UTILITIES HAVE BEEN TAKEN FROM DRAWINGS AND FIELD LOCATES SUPPLIED BY THE APPROPRIATE UTILITY COMPANIES. UTILITY LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EACH UTILITY.

811 Know what's below. Call before you dig.

100% DESIGN DEVELOPMENT

CASTELLAW ◆ KOM ARCHITECTS
1126 MAIN STREET
LEWISTON, IDAHO 83501
208.746.0183

orcutt|winslow
2929 N CENTRAL AVE, 11 FLOOR
PHOENIX ARIZONA 85012
602.257.1764

COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

IDAHO Idaho Division of Veterans Services

IDAHO DIVISION OF VETERAN SERVICES

Veterans Home Expansion, Lewiston

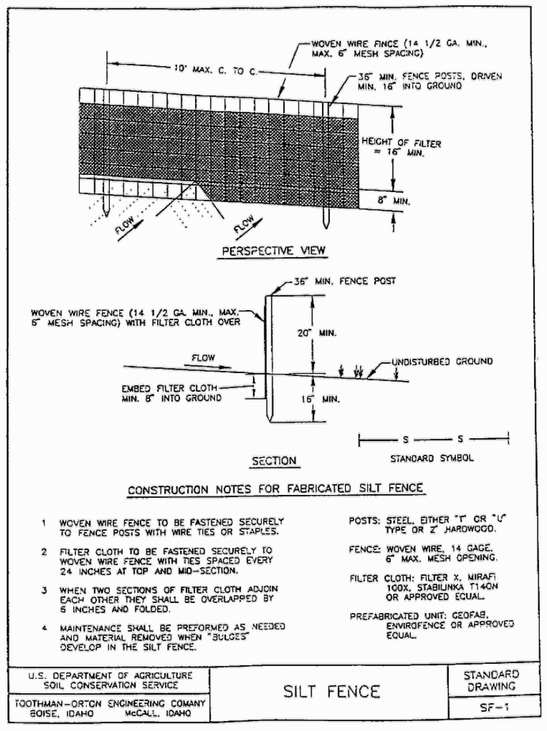
821 21st Ave, Lewiston, ID 83501

No.	Description	Date

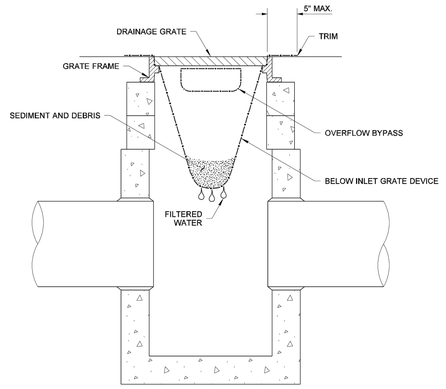
DATE	05/23/2023
DRAWN BY	KCM
CHECKED BY	CJH
CKA PRJ. NO.	21069
O|W PRJ. NO.	22_011
DPW PRJ. NO.	22602

EROSION CONTROL PLAN

C-100



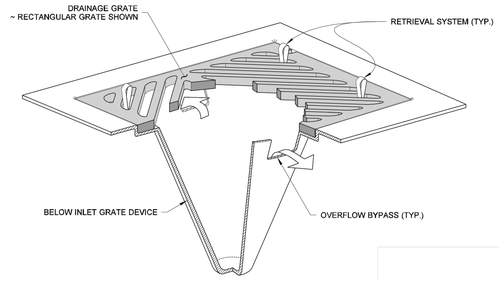
SF C-101 SILT FENCE
SCALE: NTS



SECTION VIEW
NOT TO SCALE

NOTES

1. Size the Below Inlet Grate Device (BIGD) for the storm water structure it will service.
2. The BIGD shall have a built-in high-flow relief system (overflow bypass).
3. The retrieval system must allow removal of the BIGD without spilling the collected material.



ISOMETRIC VIEW

IP C-101 STORM DRAIN INLET PROTECTION
SCALE: NTS

100% DESIGN DEVELOPMENT

CASTELLAW ◆ KOM ARCHITECTS
1126 MAIN STREET
LEWISTON, IDAHO 83501
208.746.0183

orcutt|winslow
2929 N CENTRAL AVE, 11 FLOOR
PHOENIX ARIZONA 85012
602.257.1764

COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

IDAHO Idaho Division of VETERANS SERVICES

IDAHO DIVISION OF VETERAN SERVICES

Veterans Home Expansion, Lewiston

821 21st Ave, Lewiston, ID 83501

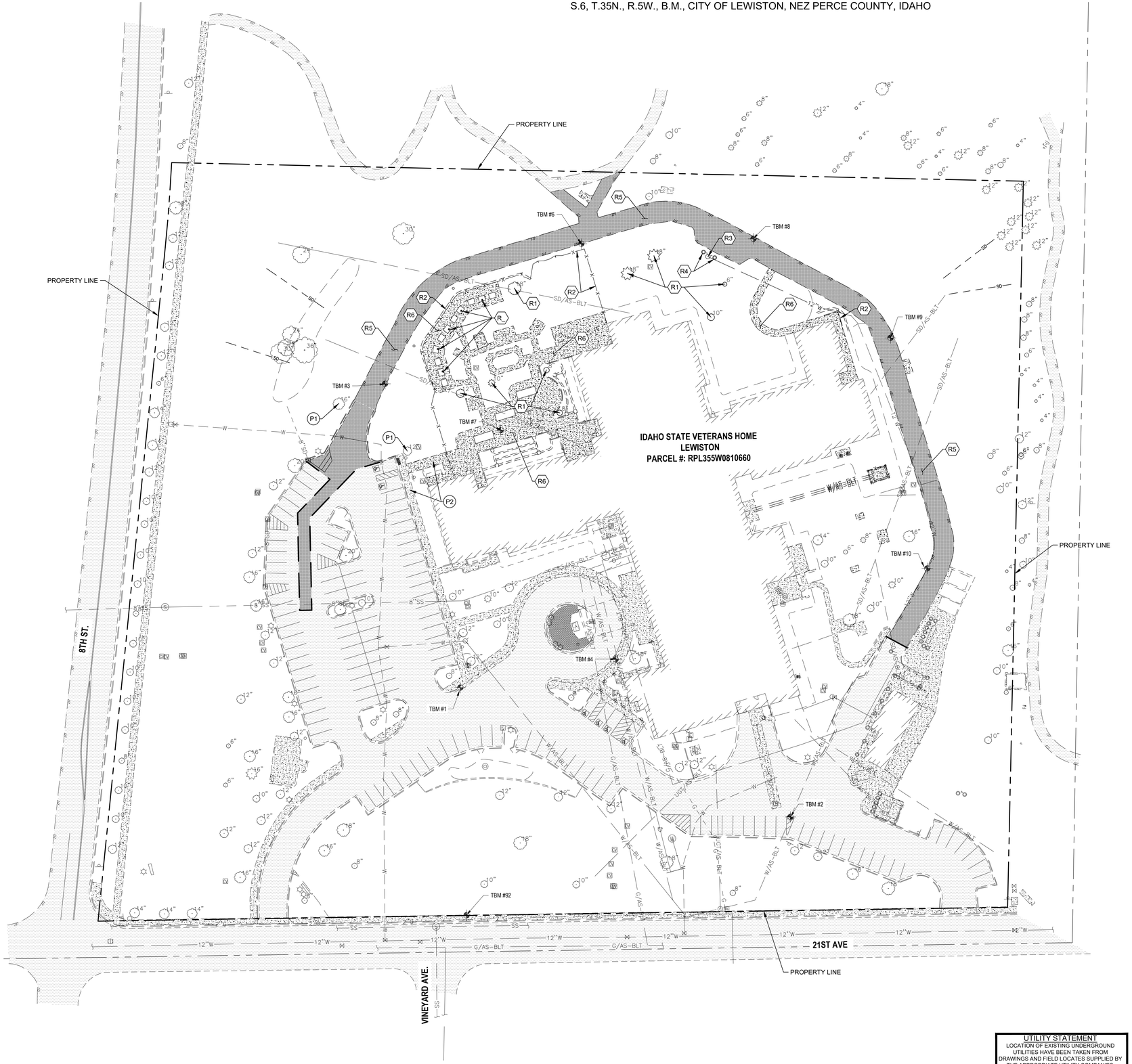
No.	Description	Date

DATE	05/23/2023
DRAWN BY	KCM
CHECKED BY	CJH
CKA PRJ. NO.	21069
O|W PRJ. NO.	22_011
DPW PRJ. NO.	22602

EROSION CONTROL DETAILS

C-101

S.6, T.35N., R.5W., B.M., CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO



40 20 0 40 80

SCALE: 1 INCH = 40 FEET

TBM INFORMATION

POINT #	NORTHING	EASTING	GRID NORTHING	GRID EASTING	ELEVATION	DESCRIPTION
1	1727631.67	2304329.29	1727631.67	2304329.29	936.92	SET X
2	1727524.89	2304601.85	1727524.89	2304601.85	935.50	SET MAG
3	1727882.70	2304267.19	1727882.70	2304267.19	936.08	SET MAG+TAG
4	1727655.08	2304457.64	1727655.09	2304457.64	939.10	SET MAG+TAG
6	1727998.37	2304429.26	1727998.37	2304429.26	936.68	SET MAG+TAG
7	1727844.33	2304362.58	1727844.33	2304362.58	939.43	SET MAG+TAG
8	1728002.47	2304571.35	1728002.47	2304571.36	935.78	SET MAG+TAG
9	1727920.63	2304684.51	1727920.63	2304684.52	935.40	SET MAG+TAG

BENCH MARK NOTE

CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS AND BENCH MARKS. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

NOTES

1. REFER TO C-001 FOR DEMOLITION NOTES.
2. CONTRACTOR SHALL MAINTAIN ADEQUATE COVER AND VERIFY UNDERGROUND UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
3. REFER TO PAVING PLAN SHEET C-300 FOR ADDITIONAL INFORMATION REGARDING LIMITS OF ROADWAY IMPROVEMENTS.
4. CONTRACTOR SHALL REPAIR OR REPLACE ALL BROKEN, CRACKED, HEAVED, OR MISSING CURBS AND SIDEWALKS ADJACENT TO THIS PROPERTY UPON CONSTRUCTION.
5. CONTRACTOR SHALL COORDINATE WITH UTILITY PURVEYOR PRIOR TO CONSTRUCTION REGARDING EXISTING UNDERGROUND POWER AND PROPOSED IMPROVEMENTS.

DEMOLITION KEY NOTES

(P1) EXISTING TREE TO REMAIN AND BE PROTECTED.

(P2) EXISTING CONCRETE SIDEWALK TO REMAIN AND BE PROTECTED.

(R1) EXISTING TREE TO BE REMOVED.

(R2) EXISTING FENCE TO BE REMOVED.

(R3) EXISTING FIRE HYDRANT TO BE REMOVED.

(R4) EXISTING BOLLARDS TO BE REMOVED.

(R5) EXISTING ASPHALT PAVEMENT TO BE REMOVED.

(R6) EXISTING CONCRETE SIDEWALK TO BE REMOVED.

UTILITY STATEMENT
LOCATION OF EXISTING UNDERGROUND UTILITIES HAVE BEEN TAKEN FROM DRAWINGS AND FIELD LOCATES SUPPLIED BY THE APPROPRIATE UTILITY COMPANIES. UTILITY LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EACH UTILITY.

811 Know what's below. Call before you dig.

100% DESIGN DEVELOPMENT

CASTELLAW ◆ KOM ARCHITECTS
1126 MAIN STREET
LEWISTON, IDAHO 83501
208.746.0183

orcutt|winslow
2929 N CENTRAL AVE, 11 FLOOR
PHOENIX ARIZONA 85012
602.257.1764

COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

IDAHO — Idaho Division of VETERANS SERVICES

IDAHO DIVISION OF VETERAN SERVICES

Veterans Home Expansion, Lewiston

821 21st Ave, Lewiston, ID 83501

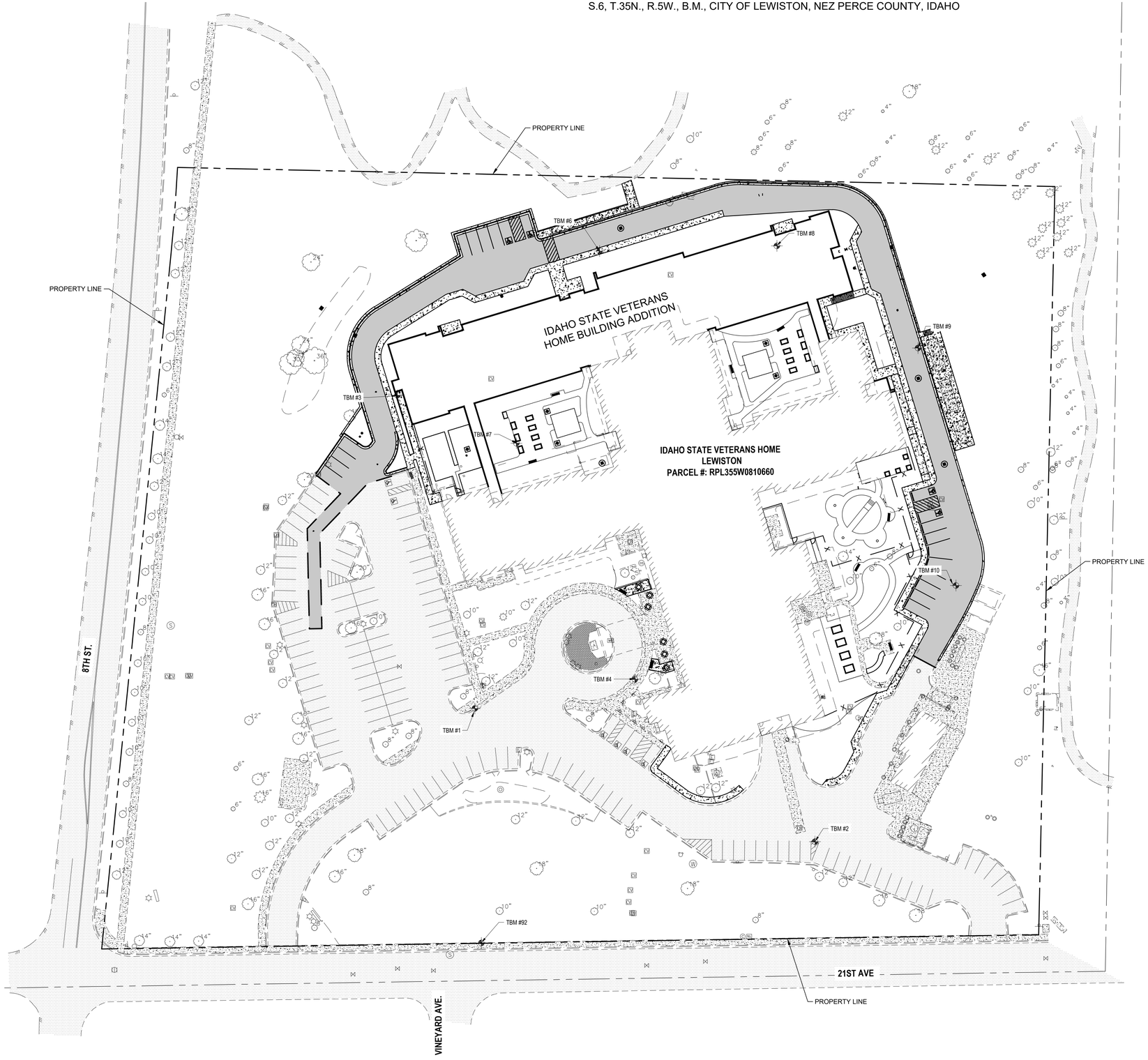
No.	Description	Date

DATE	05/23/2023
DRAWN BY	KCM
CHECKED BY	CJH
CKA PRJ. NO.	21069
OIW PRJ. NO.	22_011
DPW PRJ. NO.	22602

OVERALL DEMOLITION PLAN

C-200

S.6, T.35N., R.5W., B.M., CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO



40 20 0 40 80

SCALE: 1 INCH = 40 FEET

TBM INFORMATION

POINT #	NORTHING	EASTING	GRID NORTHING	GRID EASTING	ELEVATION	DESCRIPTION
1	1727631.67	2304329.29	1727631.67	2304329.29	936.92	SET X
2	1727524.89	2304601.85	1727524.89	2304601.85	935.50	SET MAG
3	1727882.70	2304267.19	1727882.70	2304267.19	936.08	SET MAG+TAG
4	1727655.08	2304457.64	1727655.09	2304457.64	939.10	SET MAG+TAG
6	1727998.37	2304429.26	1727998.37	2304429.26	936.68	SET MAG+TAG
7	1727844.33	2304362.58	1727844.33	2304362.58	939.43	SET MAG+TAG
8	1728002.47	2304571.35	1728002.47	2304571.36	935.78	SET MAG+TAG
9	1727920.63	2304684.51	1727920.63	2304684.52	935.40	SET MAG+TAG

BENCH MARK NOTE

CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS AND BENCH MARKS. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

LEGEND

- HEAVY DUTY ASPHALT PAVEMENT
- STANDARD DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- EXISTING BUILDING
- PROPOSED BUILDING
- PROPERTY LINE
- CURB

NOTES

1. REFER TO GRADING PLAN SHEETS C-400 - C-404 FOR ADDITIONAL INFORMATION REGARDING RETAINING WALLS AND GRADE INFORMATION. REFER TO ARCHITECTURAL DOCUMENTS FOR GUARD RAILS, AS NECESSARY.
2. REFER TO DRAINAGE PLAN SHEETS C-500 - C-504 AND DETAILS FOR ADDITIONAL INFORMATION REGARDING STORMWATER MANAGEMENT.
3. SEE DETAIL 1, SHEET C-700 FOR HEAVY DUTY ASPHALT SECTION.
4. SEE DETAIL 2, SHEET C-700 FOR STANDARD DUTY ASPHALT SECTION.
5. SEE DETAIL 3, SHEET C-700 FOR HEAVY DUTY CONCRETE PAVEMENT SECTION.
6. CEMENT CONCRETE CURB SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 2-9, DETAIL 10, SHEET C-701.
7. DRAINAGE INLET APRON SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 2-3, DETAIL 24, SHEET C-702. REFER TO DRAINAGE PLANS FOR ADDITIONAL INFORMATION.
8. CEMENT CONCRETE CURB AND GUTTER SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWINGS NO. 2-6 AND 2-7, DETAILS 11 AND 12, SHEET C-701.
9. NEW PAVED SURFACE SHALL MATCH ELEVATION OF EXISTING PAVED SURFACE AT SAWCUT LINE.
10. CEMENT CONCRETE SIDEWALK SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 2-8, DETAIL 13, SHEET C-701. PROVIDE 4" OF 3/4" MINUS OR 5/8" MINUS CRUSHED AGGREGATE BASE MATERIAL COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY MODIFIED PROCTOR AS PHER AASHTO T180.
11. REFER TO ARCHITECTURAL DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING PAVEMENT MARKINGS, SIGNAGE, DOCK LEVELER, AND LOADING DOCK.
12. REFER TO LANDSCAPE DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING GRAVEL PATHS, LANDSCAPING, PLANTINGS, AND GARDEN FEATURES.
13. REFER TO UTILITY PLANS SHEETS C-600 - C-604 FOR ADDITIONAL INFORMATION REGARDING PATCHING.
14. CONCRETE CURB RAMP SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 2-11, DETAIL 14, SHEET C-701.
15. CONCRETE WHEEL STOP SHALL COMPLY WITH DETAIL 4, SHEET C-700.
16. DETECTABLE WARNING FOR PEDESTRIAN ACCESS SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 2-5, DETAIL 15, SHEET C-701.

UTILITY STATEMENT

LOCATION OF EXISTING UNDERGROUND UTILITIES HAVE BEEN TAKEN FROM DRAWINGS AND FIELD LOCATES SUPPLIED BY THE APPROPRIATE UTILITY COMPANIES. UTILITY LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EACH UTILITY.

811 Know what's below. Call before you dig.

100% DESIGN DEVELOPMENT

CASTELLAW ◆ KOM ARCHITECTS
1126 MAIN STREET
LEWISTON, IDAHO 83501
208.746.0183

orcutt|winslow
2929 N CENTRAL AVE, 11 FLOOR
PHOENIX ARIZONA 85012
602.257.1764

COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

IDAHO DIVISION OF VETERAN SERVICES

Veterans Home Expansion, Lewiston

821 21st Ave, Lewiston, ID 83501

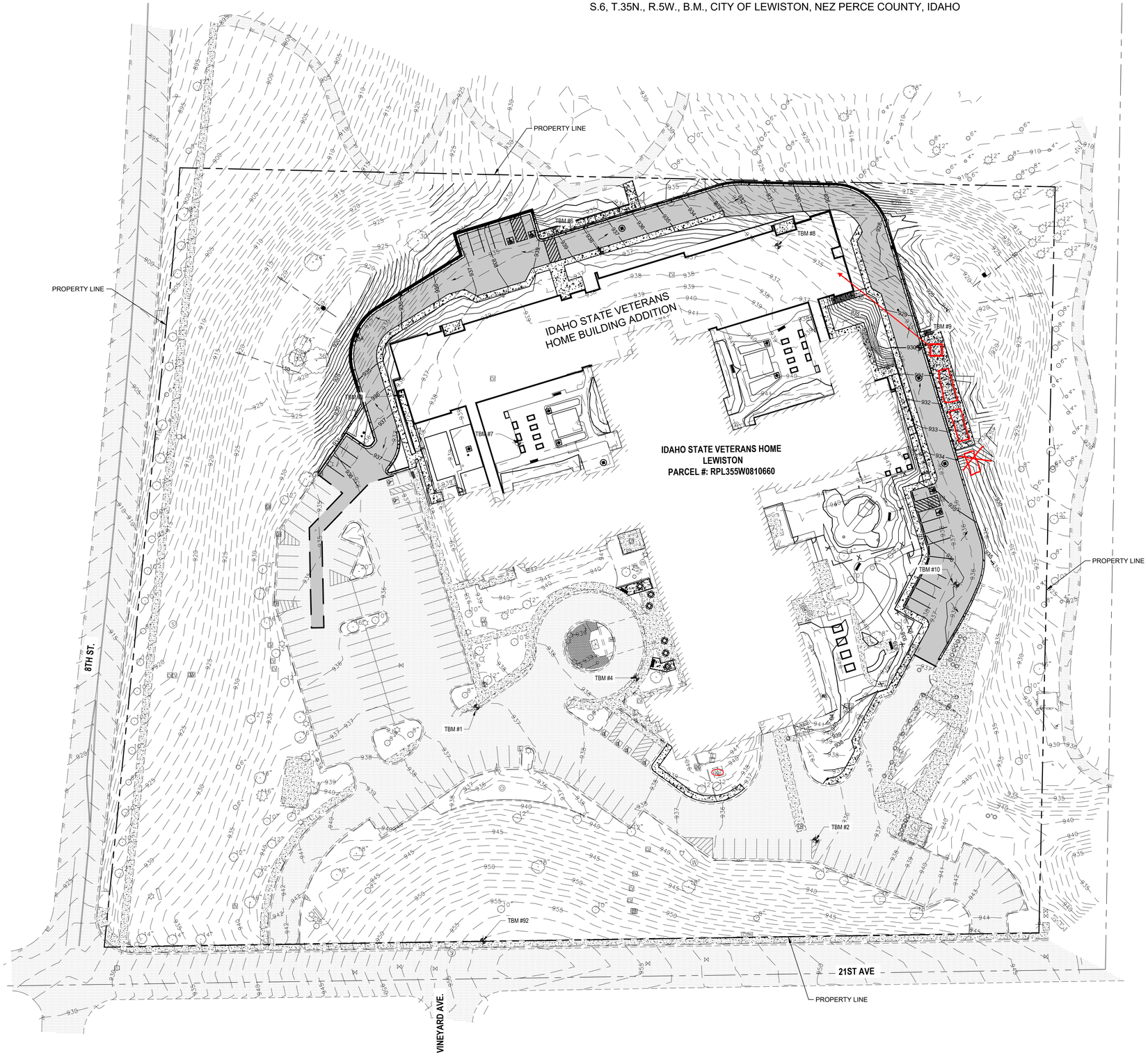
No.	Description	Date

DATE	05/23/2023
DRAWN BY	KCM
CHECKED BY	CJH
CKA PRJ. NO.	21069
O|W PRJ. NO.	22_011
DPW PRJ. NO.	22602

OVERALL SITE PAVING PLAN

C-300

S.6, T.35N., R.5W., B.M., CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO



40 20 0 40 80

SCALE: 1 INCH = 40 FEET

TBM INFORMATION

POINT #	NORTHING	EASTING	GRID NORTHING	GRID EASTING	ELEVATION	DESCRIPTION
1	1727631.67	2304329.29	1727631.67	2304329.29	936.92	SET X
2	1727524.89	2304601.85	1727524.89	2304601.85	935.50	SET MAG
3	1727882.70	2304267.19	1727882.70	2304267.19	936.08	SET MAG+TAG
4	1727655.08	2304457.64	1727655.09	2304457.64	939.10	SET MAG+TAG
6	1727998.37	2304429.26	1727998.37	2304429.26	936.68	SET MAG+TAG
7	1727844.33	2304362.58	1727844.33	2304362.58	939.43	SET MAG+TAG
8	1728002.47	2304571.35	1728002.47	2304571.36	935.78	SET MAG+TAG
9	1727920.63	2304684.51	1727920.63	2304684.52	935.40	SET MAG+TAG

BENCH MARK NOTE

CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS AND BENCH MARKS. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

ABBREVIATIONS

BOS	BOTTOM OF SWALE
BW	BOTTOM OF WALL
FC	FLUSH CURB
FF	FINISHED FLOOR
FG	FINISHED GROUND
ME	MATCH EXISTING
R	RIM ELEVATION
TB	TOP OF BERM
TC	TOP OF CURB
TP	TOP OF PAVEMENT
TW	TOP OF WALL

LEGEND

- RETENTION POND
- EXISTING BUILDING
- PROPOSED BUILDING
- 935 EXISTING CONTOUR
- 935 PROPOSED CONTOUR
- PROPERTY LINE
- CURB
- RETAINING WALL
- XXXX SPOT ELEVATION
- CATCH BASIN

NOTES

1. REFER TO SHEET C-001 FOR GENERAL NOTES.
2. REFER TO ARCHITECTURAL DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING ANY STEPS IN FINISH FLOOR ELEVATION, BASEMENT ELEVATION, AND EXTERIOR DOOR LOCATIONS. COORDINATE ARCHITECTURAL ELEVATIONS WITH SITE GRADING.
3. REFER TO SHEETS C-500 - C-504 FOR STORM WATER MANAGEMENT IMPROVEMENTS.
4. ASPHALT PAVEMENT SHALL BE FLUSH WITH CONCRETE SIDEWALK. REFER TO SPOT ELEVATIONS FOR ADDITIONAL INFORMATION.
5. TRANSITION FROM FLUSH CONDITION TO VERTICAL CURB OVER 12 INCHES.
6. NEW PAVED SURFACE SHALL MATCH ELEVATION OF EXISTING PAVED SURFACE AT SAWCUT LINE. LOCATION OF SAWCUT LINE IS APPROXIMATE.
7. CONTOURS SHOWN ARE 1-FOOT CONTOURS UNLESS OTHERWISE NOTED.
8. REFER TO ARCHITECTURAL DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING SITE FEATURES.
9. REFER TO PAVING PLAN SHEETS C-300 - C-304, FOR ADDITIONAL INFORMATION REGARDING PAVING AND SURFACING.
10. CONCRETE RETAINING WALL SHALL COMPLY WITH DETAIL __, SHEET _____.
11. REFER TO LANDSCAPE DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING LANDSCAPING, GARDENS, BERMING, COURTYARDS, ETC.
12. REFER TO ELECTRICAL AND ARCHITECTURAL DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING TRANSFORMER AND ENCLOSURE.
13. REFER TO THE GEOTECHNICAL INVESTIGATION ASSOCIATED WITH THE SUBJECT SITE FOR ADDITIONAL INFORMATION REGARDING SUBSURFACE CONDITIONS, SITE STRIPPING, EXCAVATION, GRADING, AND SUBGRADE PREPARATION (PREPARED BY GEOTEK, INC. GEOTECHNICAL EVALUATION; DATED DECEMBER 6, 2023).

a) EXISTING ARTIFICIAL FILL (UPPER 2 TO 3 FEET), DELETERIOUS MATERIAL, AND ALLUVIAL MATERIALS (1 FOOT) SHALL BE EXCAVATED FROM BELOW THE BUILDING, STRUCTURAL FILL AREAS, AND PAVED AREAS.

b) AFTER SITE STRIPPING, GRUBBING, AND ANY NECESSARY OVER-EXCAVATION, THE NATIVE SOIL EXPOSED AT WORKING SUBGRADE SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 8 INCHES, THEN COMPACTED TO AT LEAST 90% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 1557.

c) STRUCTURAL FILL, CLEAN OF VEGETATION AND DEBRIS, SHALL BE PLACED IN LESS THAN 8 INCH LIFTS, OR LESS, BROUGHT TO AT LEAST MINIMUM OTIMUM MOISTURE CONTENT, THEN COMPACTED TO AT LEAST 90% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 1557. ON-SITE SOILS MAY BE SELECTIVELY USED AS STRUCTURAL FILL IF THEY MEET THE FILL REQUIREMENTS PRESENTED IN THE GEOTECHNICAL REPORT FOR THE SUBJECT SITE.

d) CONTRACTOR SHALL PROVIDE SPECIAL ATTENTION TO COMPACTION EFFORTS AROUND UTILITY STRUCTURES (MANHOLES, VAULTS, CATCH BASINS, ETC.) BACKFILL SHALL COMPLY WITH CITY OF LEWISTON STANDARDS.

UTILITY STATEMENT

LOCATION OF EXISTING UNDERGROUND UTILITIES HAVE BEEN TAKEN FROM DRAWINGS AND FIELD LOCATES SUPPLIED BY THE APPROPRIATE UTILITY COMPANIES. UTILITY LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EACH UTILITY.

811 Know what's below. Call before you dig.

100% DESIGN DEVELOPMENT

CASTELLAW ◆ KOM ARCHITECTS
1126 MAIN STREET
LEWISTON, IDAHO 83501
208.746.0183

orcutt|winslow
2929 N CENTRAL AVE, 11 FLOOR
PHOENIX ARIZONA 85012
602.257.1764

COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

IDAHO DIVISION OF VETERANS SERVICES

Veterans Home Expansion, Lewiston

821 21st Ave, Lewiston, ID 83501

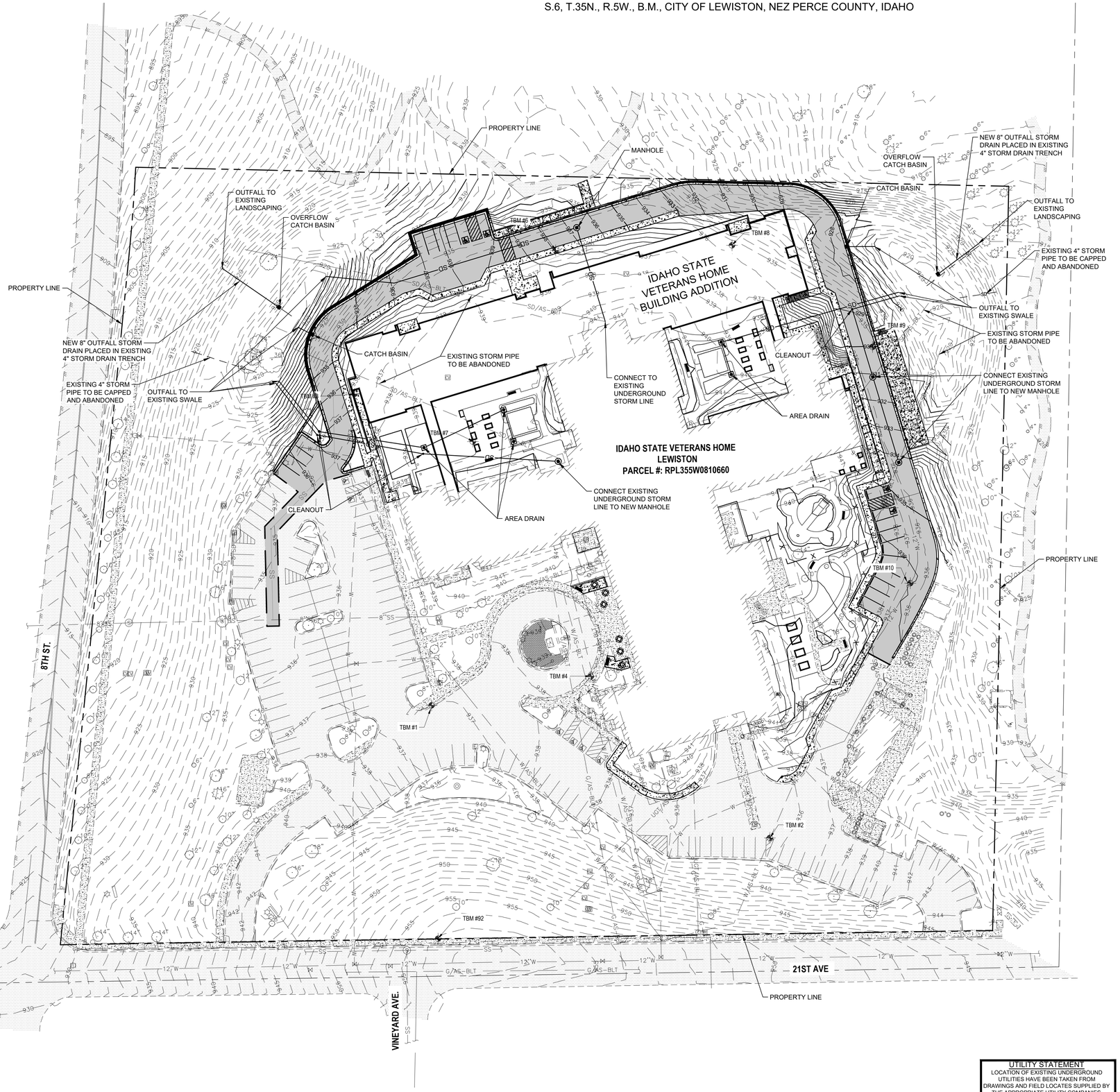
No.	Description	Date

DATE	05/23/2023
DRAWN BY	KCM
CHECKED BY	CJH
CKA PRJ. NO.	21069
OIW PRJ. NO.	22_011
DPW PRJ. NO.	22602

OVERALL GRADING PLAN

C-400

S.6, T.35N., R.5W., B.M., CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO





TBM INFORMATION

POINT #	NORTHING	EASTING	GRID NORTHING	GRID EASTING	ELEVATION	DESCRIPTION
1	1727631.67	2304329.29	1727631.67	2304329.29	936.92	SET X
2	1727524.89	2304601.85	1727524.89	2304601.85	935.50	SET MAG
3	1727882.70	2304267.19	1727882.70	2304267.19	936.08	SET MAG+TAG
4	1727655.08	2304457.64	1727655.09	2304457.64	939.10	SET MAG+TAG
6	1727998.37	2304429.26	1727998.37	2304429.26	936.68	SET MAG+TAG
7	1727844.33	2304362.58	1727844.33	2304362.58	939.43	SET MAG+TAG
8	1728002.47	2304571.35	1728002.47	2304571.36	935.78	SET MAG+TAG
9	1727920.63	2304684.51	1727920.63	2304684.52	935.40	SET MAG+TAG

BENCH MARK NOTE

CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS AND BENCH MARKS. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

ABBREVIATIONS

CB	CATCH BASIN
CO	CLEANOUT
HDPE	HIGH DENSITY POLYPROPELENE PIPE
IE	INVERT ELEVATION
SF	SQUARE FEET
SD	STORM DRAIN
RD	ROOF DRAIN
FD	FOUNDATION DRAIN

LEGEND

	RETENTION POND
935	EXISTING CONTOUR
935	PROPOSED CONTOUR
	PROPERTY LINE
	CURB
SD	STORM PIPE
	CATCH BASIN
	CLEANOUT
	FLOWLINE

NOTES

1. REFER TO SHEET C-001 FOR GENERAL NOTES.
2. REFER TO CITY OF LEWISTON STORMWATER SYSTEM GENERAL NOTES, STANDARD DRAWING NO. 6-1, DETAIL 20, SHEET C-702.
3. REFER TO MECHANICAL DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING ROOF DRAIN LOCATIONS.
4. STORM DRAIN PIPE SHALL BE HIGH DENSITY POLYETHYLENE (HDPE), TYPE S, WITH SMOOTH WATERWAY FOR COUPLING JOINTS, AASHTO M 252M FOR PIPES WITH DIAMETERS OF 10 INCHES AND SMALLER AND AASHTO M 294M FOR PIPES WITH DIAMETERS BETWEEN 12 INCHES TO 48 INCHES.
5. STORM CLEANOUT SHALL COMPLY WITH ISPWC STANDARD DRAWING NO. SD-506, SIMILAR.
6. TYPE 1 CATCH BASIN SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 6-8, DETAIL 21, SHEET C-702 AND CITY OF LEWISTON STANDARD DRAWING NO. 6-6, DETAIL 22, SHEET C-702. CATCH BASIN FRAME AND GRATE SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 6-7, DETAIL 23, SHEET C-702.
7. DRAINAGE INLET SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 2-3, DETAIL 24, SHEET C-702. REFER TO LANDSCAPE DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING SPLASH PAD, WHEN APPLICABLE.
8. SIDEWALK DRAIN SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 6-12, DETAIL 25, SHEET C-702. REFER TO LANDSCAPE DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING SPLASH PAD ADJACENT TO DRAIN.
9. REFER TO GRADING PLAN SHEETS C-400 - C-404 FOR ADDITIONAL INFORMATION REGARDING SITE GRADING.
10. AREA DRAIN SHALL BE NYLOPLAST 12-INCH DRAIN BASINS. SEE DETAIL 26, SHEET C-702. CONCRETE COLLAR NOT REQUIRED IN LANDSCAPE AREAS. GRATES SHALL BE H-20 TRAFFIC LOAD RATED.
11. ALL HARDSCAPE SURFACES SHALL ADEQUATELY ROUTE STORMWATER AWAY FROM ALL STRUCTURES. REFER TO ARCHITECTURAL DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING WATER PROOFING.
12. SLEEVE STORM DRAIN LINE AS SHOWN. REFER TO NOTE 22, UTILITY AND DRAINAGE NOTES, SHEET C-001 FOR ADDITIONAL INFORMATION.
13. STORM DRAIN PIPE TRENCHING, BEDDING, AND BACKFILL SHALL COMPLY WITH CITY OF LEWISTON STANDARDS. REFER TO CITY OF LEWISTON STANDARD DRAWINGS NO. 1-4, NO. 1-5, NO. 1-6, AND NO. 1-7, DETAILS 42, 43, 44, AND 45, SHEET C-704 RESPECTIVELY. CLASS OF BACKFILL SHALL BE DETERMINED BASED ON CITY REQUIREMENTS AND COMPLY WITH CITY OF LEWISTON STANDARDS.

UTILITY STATEMENT

LOCATION OF EXISTING UNDERGROUND UTILITIES HAVE BEEN TAKEN FROM DRAWINGS AND FIELD LOCATES SUPPLIED BY THE APPROPRIATE UTILITY COMPANIES. UTILITY LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EACH UTILITY.

811 Know what's below. Call before you dig.

100% DESIGN DEVELOPMENT

CASTELLAW ◆ KOM ARCHITECTS
1126 MAIN STREET
LEWISTON, IDAHO 83501
208.746.0183

orcutt | winslow
2929 N CENTRAL AVE, 11 FLOOR
PHOENIX ARIZONA 85012
602.257.1764

COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

IDAHO — Idaho Division of Veterans Services

IDAHO DIVISION OF VETERAN SERVICES

Veterans Home Expansion, Lewiston

821 21st Ave, Lewiston, ID 83501

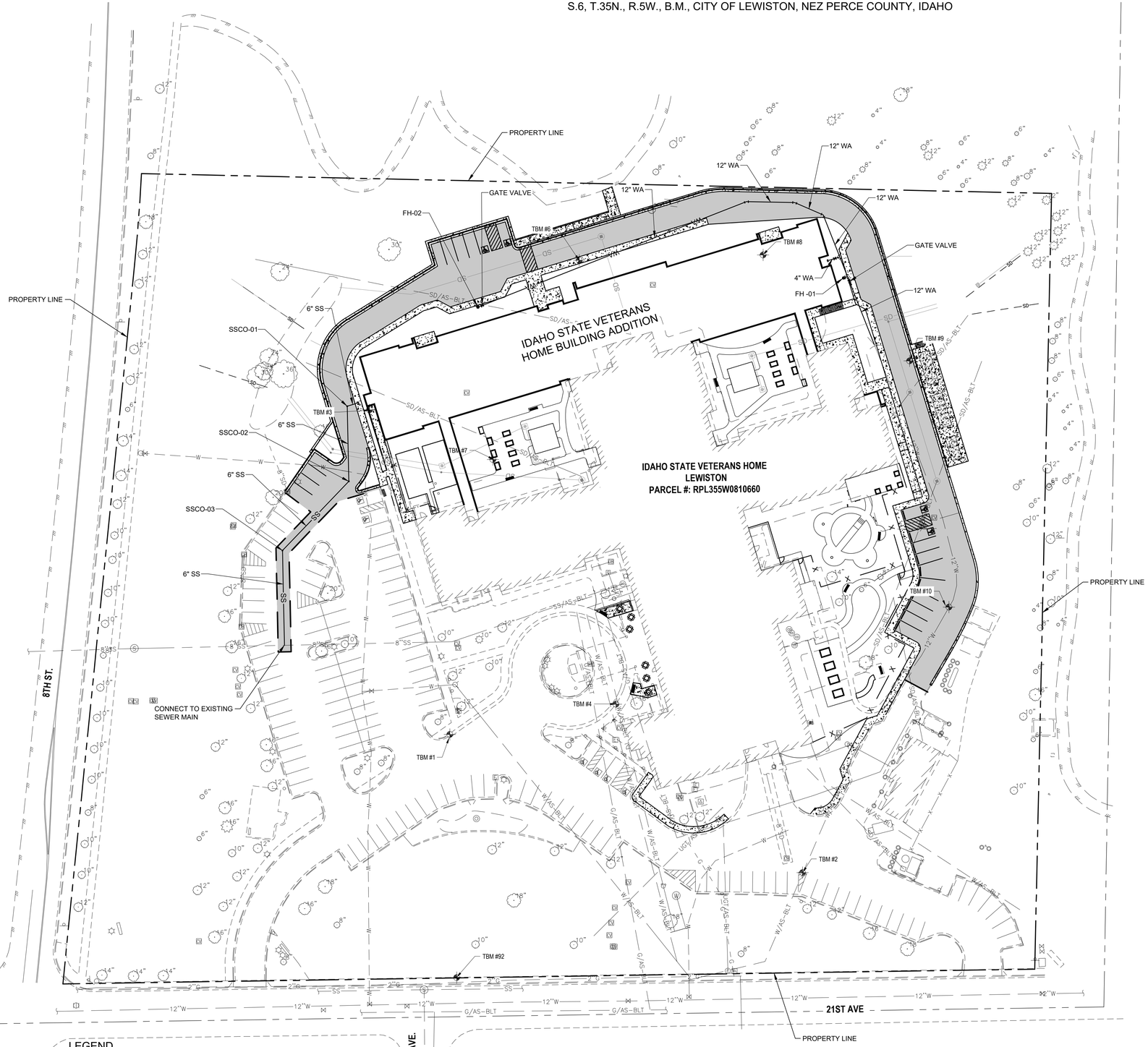
No.	Description	Date

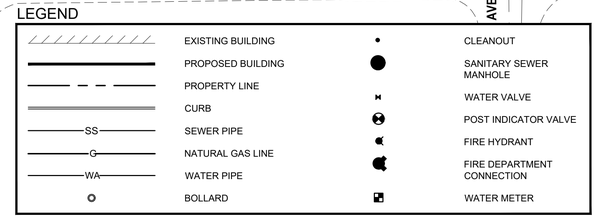
DATE	05/23/2023
DRAWN BY	KCM
CHECKED BY	CJH
CKA PRJ. NO.	21069
O|W PRJ. NO.	22_011
DPW PRJ. NO.	22602

OVERALL DRAINAGE PLAN

C-500

S.6, T.35N., R.5W., B.M., CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO





40 20 0 40 80

SCALE: 1 INCH = 40 FEET

TBM INFORMATION

POINT #	NORTHING	EASTING	GRID NORTHING	GRID EASTING	ELEVATION	DESCRIPTION
1	1727631.67	2304329.29	1727631.67	2304329.29	936.92	SET X
2	1727524.89	2304601.85	1727524.89	2304601.85	935.50	SET MAG
3	1727882.70	2304267.19	1727882.70	2304267.19	936.08	SET MAG+TAG
4	1727655.08	2304457.64	1727655.09	2304457.64	939.10	SET MAG+TAG
6	1727998.37	2304429.26	1727998.37	2304429.26	936.68	SET MAG+TAG
7	1727844.33	2304362.58	1727844.33	2304362.58	939.43	SET MAG+TAG
8	1728002.47	2304571.35	1728002.47	2304571.36	935.78	SET MAG+TAG
9	1727920.63	2304684.51	1727920.63	2304684.52	935.40	SET MAG+TAG

BENCH MARK NOTE

CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS AND BENCH MARKS. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

ABBREVIATIONS

CO	CLEANOUT
FDC	FIRE DEPARTMENT CONNECTION
FH	FIRE HYDRANT
G	GRADE/ SLOPE
IE	INVERT ELEVATION
L	LENGTH
NG	NATURAL GAS
PIV	POST INDICATOR VALVE
POC	POINT OF CONNECTION
PVC	POLYVINYL CHLORIDE
SD	STORM DRAIN
SS	SANITARY SEWER
WA	WATER

NOTES

1. REFER TO SHEET C-001 FOR GENERAL NOTES.
2. REFER TO BUILDING PLANS FOR CONTINUATION OF NATURAL GAS, WATER, AND SANITARY SEWER SERVICES.
3. REFER TO FIRE PROTECTION PLANS FOR CONTINUATION OF FIRE SERVICE. COMPLY WITH NFPA 24 FOR FIRE SUPPRESSION SYSTEM PIPING MATERIALS AND INSTALLATION.
4. REFER TO LANDSCAPE AND IRRIGATION PLANS FOR CONTINUATION OF IRRIGATION SERVICE.
5. UTILITY SEPARATION SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 4-1, DETAIL 30, SHEET C-703.
6. WATER MAINS UP TO 12 INCHES IN DIAMETER SHALL BE PVC AWWA C905, DR 18 PIPE AND SHALL UTILIZE GATE VALVES, WATER MAINS GREATER THAN 12 INCHES IN DIAMETER SHALL UTILIZE C900, DR 18 PIPE AND SHALL UTILIZE BUTTERFLY VALVES. ALL WATER MAINS SHALL BE CONSTRUCTED WITH THE TOP OF PIPE 4.5 FEET BELOW FINISH GRADE, EXCEPT WHERE OTHERWISE INDICATED WITH SPECIFIC ELEVATIONS AND APPROVED BY THE CITY ENGINEER. WATER SERVICES SHALL BE CONSTRUCTED OF POLYETHYLENE TUBING CONFORMING TO AWWA C901, 250 PSI LOCATED AND SIZED AS SHOWN ON THE CONSTRUCTION PLANS.
7. THRUST BLOCKING SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 4-4, DETAIL 31, SHEET C-703.
8. FIRE HYDRANT ASSEMBLY SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 4-12, DETAIL 32, SHEET C-703.
9. 2" WATER SERVICE CONNECTION SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 4-9, DETAIL 33, SHEET C-703. TYPICAL WATER METER AND UTILITY MARKER LOCATION SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 4-5, DETAILS 34 AND 35, SHEET C-703.
10. REDUCED PRESSURE BACKFLOW ASSEMBLY SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 4-11, DETAIL 36, SHEET C-703.
11. GATE VALVE BOX WITH ASSEMBLY SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 4-2, DETAIL 37, SHEET C-703.
12. CONNECT PROPOSED WATER SERVICE TO EXISTING WATER MAIN. EXISTING WATER MAIN LOCATION SHOWN IS BASED ON AS-BUILT INFORMATION. CONTRACTOR TO FIELD VERIFY LOCATION AND ELEVATION PRIOR TO CONSTRUCTION.
13. SEWER SERVICE CONNECTION SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 5-1, DETAIL 40, SHEET C-704. REFER TO CITY OF LEWISTON STANDARD DRAWING NO. 5-2, DETAIL 41, SHEET C-704, FOR ADDITIONAL INFORMATION REGARDING SEWER SERVICE TAP OPTIONS.
14. CONNECT NEW SANITARY SEWER SERVICE TO EXISTING SEWER STUB. EXISTING SEWER STUBS SHOWN ARE BASED ON AS-BUILT INFORMATION. CONTRACTOR TO FIELD VERIFY LOCATION PRIOR TO CONSTRUCTION.
15. SANITARY SEWER SERVICES SHALL BE PVC, ASTM D 3034, SDR 35 WITH FLEXIBLE GASKETED JOINTS. PVC PIPE SHALL BE INSTALLED WITH DETECTABLE WARNING TAPE. MAINTAIN AT LEAST 3-1/2 FEET OF COVER OVER SANITARY SEWER LINES.
16. SANITARY SEWER CLEANOUT SHALL COMPLY WITH WITH ISPWC STANDARD DRAWING NO. SD-506.
17. CONTRACTOR SHALL COORDINATE WITH THE UTILITY PURVEYOR REGARDING NATURAL GAS IMPROVEMENTS, INCLUDING TRENCH EXCAVATION, BEDDING, AND BACKFILL REQUIREMENTS. INSTALLATION OF THE NATURAL GAS LINE FROM THE POINT OF CONNECTION UP TO AND INCLUDING THE METER SHALL BE BY THE UTILITY PURVEYOR. COORDINATE REQUIREMENTS AND SCHEDULING WITH THE UTILITY PURVEYOR.
18. SLEEVE UTILITY LINE AT PIPE CROSSING AS SHOWN. REFER TO NOTE 22, UTILITY AND DRAINAGE NOTES ON SHEET C-001 FOR ADDITIONAL INFORMATION.
19. TRENCHING, BEDDING, AND BACKFILL SHALL COMPLY WITH CITY OF LEWISTON STANDARDS. REFER TO CITY OF LEWISTON STANDARD DRAWINGS NO. 1-4, NO. 1-5, NO. 1-6, AND NO. 1-7, DETAILS 42, 43, 44, AND 45, SHEET C-704 RESPECTIVELY. CLASS OF BACKFILL SHALL BE DETERMINED AND COMPLY WITH CITY OF LEWISTON STANDARDS.
20. CONNECT PROPOSED WATER SERVICE TO EXISTING WATER MAIN. EXISTING WATER MAIN LOCATION SHOWN IS BASED ON AS-BUILT INFORMATION. CONTRACTOR TO FIELD VERIFY LOCATION AND ELEVATION PRIOR TO CONSTRUCTION.
21. IDENTIFYING TAPE AND TRACER WIRE SHALL COMPLY WITH CITY OF LEWISTON STANDARD DRAWING NO. 1-8, DETAIL 46, SHEET C-704.

UTILITY STATEMENT

LOCATION OF EXISTING UNDERGROUND UTILITIES HAVE BEEN TAKEN FROM DRAWINGS AND FIELD LOCATES SUPPLIED BY THE APPROPRIATE UTILITY COMPANIES. UTILITY LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EACH UTILITY.

811 Know what's below. Call before you dig.

100% DESIGN DEVELOPMENT

CASTELLAW ◆ KOM ARCHITECTS
1126 MAIN STREET
LEWISTON, IDAHO 83501
208.746.0183

orcutt | winslow
2929 N CENTRAL AVE, 11 FLOOR
PHOENIX ARIZONA 85012
602.257.1764

COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

IDAHO — Idaho Division of Veterans Services

IDAHO DIVISION OF VETERAN SERVICES

Veterans Home Expansion, Lewiston

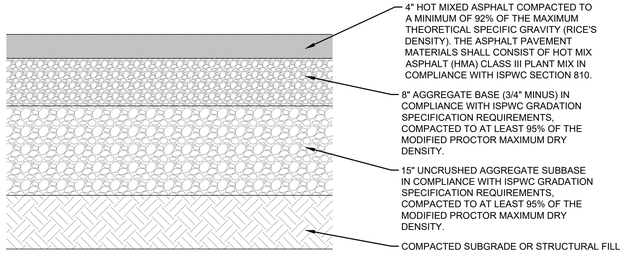
821 21st Ave, Lewiston, ID 83501

No.	Description	Date

DATE	05/23/2023
DRAWN BY	KCM
CHECKED BY	CJH
CKA PRJ. NO.	21069
O|W PRJ. NO.	22_011
DPW PRJ. NO.	22602

OVERALL UTILITY PLAN

C-600



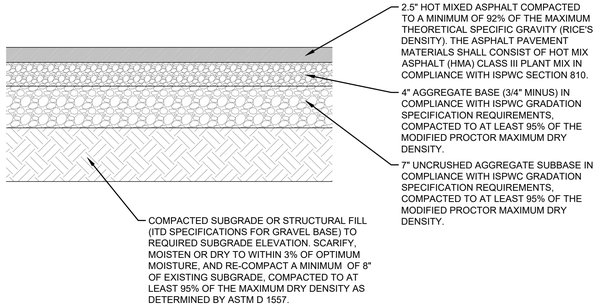
NOTES:

1. PLACE ACCEPTABLE SOIL MATERIAL IN LAYERS TO REQUIRED SUBGRADE ELEVATIONS.
2. MATERIAL AND COMPACTION REQUIREMENTS SHALL CONFORM WITH ITD STANDARDS AND GEOTECHNICAL ENGINEERING RECOMMENDATIONS ASSOCIATED WITH THE SUBJECT SITE.
3. IF EXISTING SUBGRADE SOIL CONDITIONS INHIBIT PROPER COMPACTION, OVER EXCAVATE AND REPLACE SOIL WITH APPROVED ONSITE MATERIAL OR IMPORTED MATERIAL.

1 HEAVY-DUTY ASPHALT PAVEMENT

SCALE: NTS

C-300 - C-304



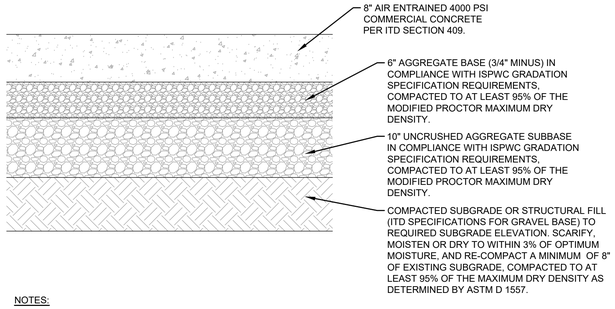
NOTES:

1. PLACE ACCEPTABLE SOIL MATERIAL IN LAYERS TO REQUIRED SUBGRADE ELEVATIONS.
2. MATERIAL AND COMPACTION REQUIREMENTS SHALL CONFORM WITH ITD STANDARDS AND GEOTECHNICAL ENGINEERING RECOMMENDATIONS ASSOCIATED WITH THE SUBJECT SITE.
3. IF EXISTING SUBGRADE SOIL CONDITIONS INHIBIT PROPER COMPACTION, OVER EXCAVATE AND REPLACE SOIL WITH APPROVED ONSITE MATERIAL OR IMPORTED MATERIAL.
4. CONTRACTOR CAN USE THE HEAVY DUTY ASPHALT PAVEMENT SECTION IN LIEU OF THE STANDARD DUTY SECTION.

2 STANDARD-DUTY ASPHALT PAVEMENT

SCALE: NTS

C-300 - C-304



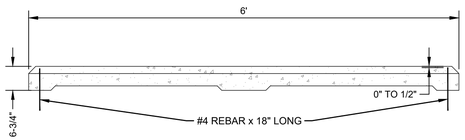
NOTES:

1. PLACE ACCEPTABLE SOIL MATERIAL IN LAYERS TO REQUIRED SUBGRADE ELEVATIONS.
2. MATERIAL AND COMPACTION REQUIREMENTS SHALL CONFORM WITH ITD STANDARDS AND GEOTECHNICAL ENGINEERING RECOMMENDATIONS ASSOCIATED WITH THE SUBJECT SITE.
3. IF EXISTING SUBGRADE SOIL CONDITIONS INHIBIT PROPER COMPACTION, OVER EXCAVATE AND REPLACE SOIL WITH APPROVED ONSITE MATERIAL OR IMPORTED MATERIAL.
4. REFER TO DETAILS ON SHEET C-703 FOR ADDITIONAL INFORMATION REGARDING JOINTING.
5. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR SLAB CONSTRUCTION INCLUDING FINAL JOINT PATTERN. EXPANSION ISOLATION JOINT SHALL BE USED AT INTERFACE WITH STRUCTURES, MANHOLES, VAULT LIDS, DRAIN, ETC. CONTRACTOR SHALL RECEIVE SHOP DRAWING APPROVAL FROM ENGINEER PRIOR TO CONSTRUCTION.

3 HEAVY-DUTY CONCRETE PAVEMENT

SCALE: NTS

C-300 - C-304



4 CONCRETE WHEEL STOP

SCALE: NTS

C-300 - C-304

100% DESIGN DEVELOPMENT

CASTELLAW ◆ KOM ARCHITECTS
1126 MAIN STREET
LEWISTON, IDAHO 83501
208.746.0183

orcutt|winslow
2929 N CENTRAL AVE, 11 FLOOR
PHOENIX ARIZONA 85012
602.257.1764

COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

IDAHO Idaho Division of VETERANS SERVICES

IDAHO DIVISION OF VETERAN SERVICES

Veterans Home Expansion, Lewiston

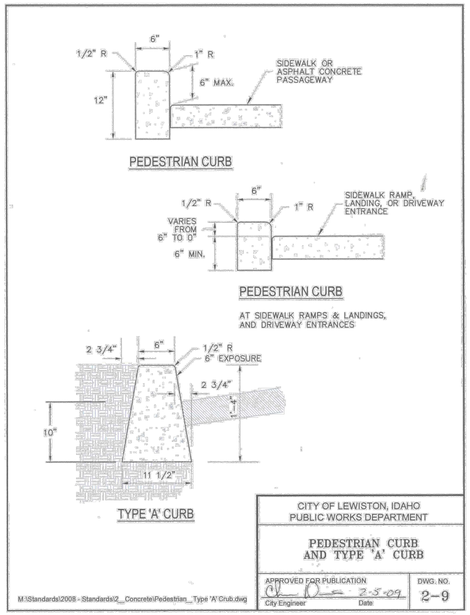
821 21st Ave, Lewiston, ID 83501

No.	Description	Date

DATE	**05/23/2023**
DRAWN BY	**KCM**
CHECKED BY	**CJH**
CKA PRJ. NO.	**21069**
O|W PRJ. NO.	**22_011**
DPW PRJ. NO.	**22602**

CIVIL SITE DETAILS

C-700



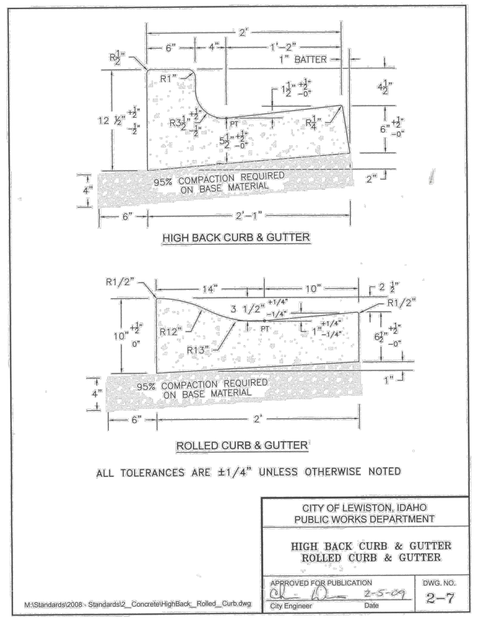
10 CONCRETE CURB
SCALE: NTS
C-300 - C-304

GENERAL NOTES FOR ALL TYPES OF CURB AND GUTTER

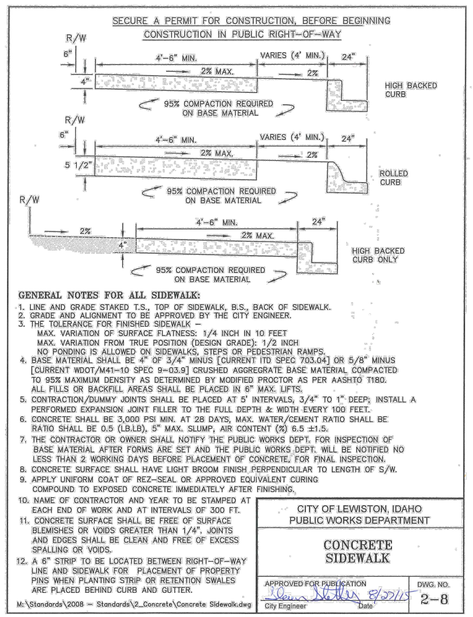
1. SECURE A PERMIT FOR CONSTRUCTION, BEFORE BEGINNING CONSTRUCTION IN PUBLIC RIGHT-OF-WAY.
2. GRADE, ALIGNMENT AND CURB TYPE SHALL BE AS APPROVED BY THE CITY ENGINEER.
3. ALIGNMENT AND GRADE STAKED TO LIP OF GUTTER (LIP) SHALL BE ESTABLISHED OR APPROVED BY THE CITY ENGINEER.
4. THE TOLERANCE FOR FINISHED CURB AND GUTTER –
   MAX. VARIATION OF SURFACE FLATNESS: 1/4 INCH IN 10 FEET
   MAX. VARIATION FROM TRUE POSITION (DESIGN GRADE): 1/2 INCH
5. BASE MATERIAL SHALL BE 4" OF 3/4 INCH MINUS [CURRENT ITD SPEC 703.04] OR 5/8 INCH MINUS [CURRENT WDOT/M41-10 SPEC 9-03.9] CRUSHED AGGREGATE BASE MATERIAL COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY MODIFIED PROCTOR AS PER AASHTO T180. ALL FILL OR BACKFILL AREAS SHALL BE PLACED IN 6" TO 8" MAXIMUM LIFTS. IN AREAS OF SMALL PROJECTS, LIMITED HEAVY TRUCK TRAFFIC OR WHERE COMPACTION EQUIPMENT HAS LIMITED ACCESS A REDUCED % COMPACTION MAY BE ALLOWED WITH WRITTEN APPROVAL FROM PUBLIC WORK DIRECTOR.
6. CONCRETE SHALL BE 3,000 PSI MINIMUM AT 28 DAYS, MAXIMUM WATER/CEMENT RATIO SHALL BE 0.5 (LB/LB), 5" MAX. SLUMP, AIR CONTENT (%) 6.5 ±1.5.
7. DUMMY JOINTS AT 10 FOOT INTERVALS AND AT CURB RADII, 3/4" TO 1" DEEP. CONSTRUCTION JOINTS LOCATIONS AS DIRECTED BY CITY ENGINEER. DIFFERENTIAL ELEVATION BETWEEN ADJACENT SECTIONS SHALL NOT EXCEED 1/4".
8. THE CONTRACTOR ARE REQUIRED BY THE PUBLIC WORKS DEPARTMENT TO MARK STUB-OUTS AND VALVES IN THE UNCURED CONCRETE.
9. THE CONTRACTOR OR OWNER SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT FOR INSPECTION AFTER THE FORMS ARE SET AND THE PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED NO LESS THAN 2 WORKING DAYS BEFORE PLACEMENT OF CONCRETE FOR A FINAL INSPECTION. FAILURE TO NOTIFY THE PUBLIC WORKS DEPARTMENT IS GROUNDS FOR REJECTION OF CURB AND GUTTER.
10. CONCRETE SURFACE TO HAVE A LIGHT BROOM FINISH PARALLEL WITH THE LENGTH OF THE CURB.
11. APPLY UNIFORM COAT OF REZ-SEAL OR APPROVED EQUIVALENT CURING COMPOUND TO EXPOSED CONCRETE IMMEDIATELY AFTER FINISHING..
12. ROLLED CURB AND GUTTER SHALL NOT BE USED:
    A. ON STREETS IN COMMERCIAL AND INDUSTRIAL ZONED AREAS.
    B. ON STREETS WITH LONGITUDINAL (LENGTHWISE) GRADES IN EXCESS OF 6%.
    C. ON ANY ARTERIAL OR COLLECTOR
    D. WITHOUT PRIOR APPROVAL OF THE CITY ENGINEER.
    E. WHEN SIDEWALK IS LOCATED AT THE BACK OF CURB.

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT
GENERAL NOTES FOR ALL TYPES OF CURB AND GUTTER
APPROVED FOR PUBLICATION
City Engineer
Date
2/14/13
DWG. NO.
2-6
M:\Standards\2010-Standards\2-Concrete\General_Notes_Concrete.dwg

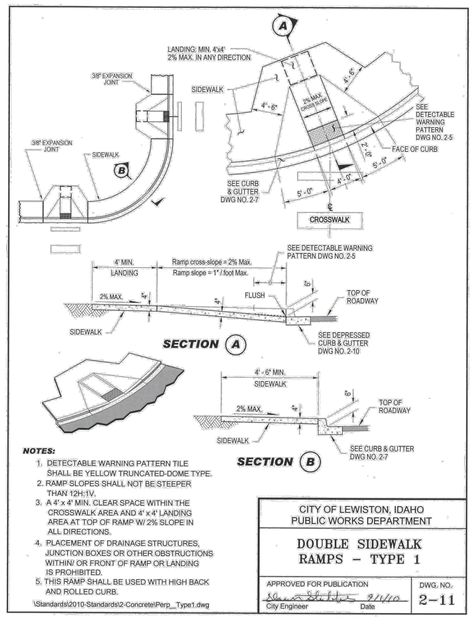
11 CURB AND GUTTER NOTES
SCALE: NTS
C-300 - C-304



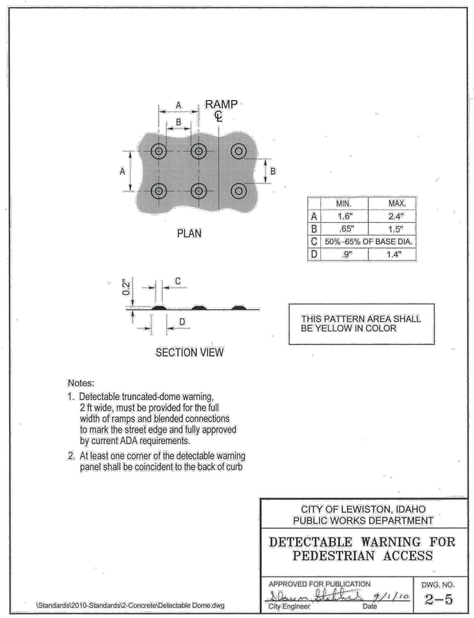
12 CURB AND GUTTER
SCALE: NTS
C-300 - C-304



13 CONCRETE SIDEWALK
SCALE: NTS
C-300 - C-304



14 DOUBLE SIDEWALK RAMPS - TYPE 1
SCALE: NTS
C-300 - C-304



15 DETECTABLE WARNING SURFACE
SCALE: NTS
C-300 - C-304

100% DESIGN DEVELOPMENT

CKA CASTELLAW ◆ KOM ARCHITECTS
1126 MAIN STREET
LEWISTON, IDAHO 83501
208.746.0183

orcutt|winslow
2929 N CENTRAL AVE, 11 FLOOR
PHOENIX ARIZONA 85012
602.257.1764

COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

IDAHO Idaho Division of VETERANS SERVICES

IDAHO DIVISION OF VETERAN SERVICES
821 21st Ave, Lewiston, ID 83501

Veterans Home Expansion, Lewiston

No.	Description	Date

DATE	05/23/2023
DRAWN BY	KCM
CHECKED BY	CJH
CKA PRJ. NO.	21069
O|W PRJ. NO.	22_011
DPW PRJ. NO.	22602

CIVIL SITE DETAILS

C-701

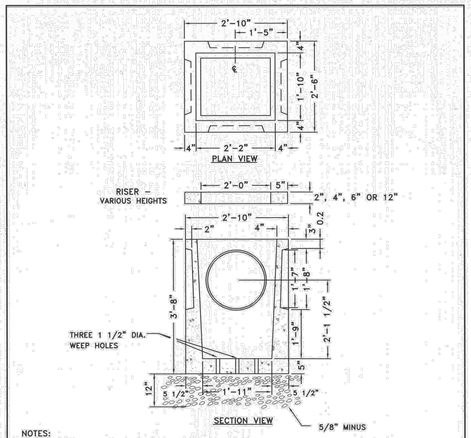
GENERAL NOTES FOR STORMWATER SYSTEMS

1. ALL WORK SHALL CONFORM TO CURRENT 'IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION' (ISPWC) SPECIFICATIONS AND THE CITY OF LEWISTON STANDARDS AND SPECIFICATIONS. IN THE CASE OF CONFLICT, CITY STANDARDS SHALL PREVAIL. THE 'LEWISTON STORMWATER POLICY AND DESIGN MANUAL' DEFINES THE POLICIES, MINIMUM STANDARDS, REQUIREMENTS, AND PROCEDURES FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF PRIVATE STORMWATER SYSTEMS.
2. ANY REPAIR, MAINTENANCE OR ALTERATION OF A PUBLIC STORM LINE OR DRAINAGE MUST BE APPROVED BY CITY ENGINEER.
3. THE CONTRACTOR MUST SECURE APPROVAL FROM THE CITY ENGINEER PRIOR TO ADDING OR REMOVING FILL BACKFILL OVER PUBLIC STORM DRAIN MAINLINE.
4. THE ENGINEERING INSPECTOR SHALL BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING WORK ON STORM DRAINS.
5. ALL PUBLIC STORM DRAIN LINES SHALL BE VIDEOTAPED AND SUBMITTED TO THE PUBLIC WORKS DEPARTMENT [AS PER PUBLIC WORKS POLICY NO. 2012-2] AND APPROVAL PRIOR TO PAVING. CITY SHALL HAVE FOURTY-EIGHT (48) HOURS FOR REVIEW.
6. ALL MANHOLES AND CATCH BASINS SHALL BE INSPECTED TWICE BY THE ENGINEERING INSPECTOR – ONCE PRIOR TO BACKFILL AND THEN PRIOR TO ACCEPTANCE OF IMPROVEMENTS. CALL PWD MAIN OFFICE (208) 746-1316 FOR INSPECTION SCHEDULING.
7. CLOSED CONDUITS (OR PIPELINES) FOR STORMWATER CONVEYANCE IN THE CITY'S STORMWATER SYSTEM MUST BE A MINIMUM OF 12 INCH DIAMETER. THE PIPE MATERIAL MAY BE PLASTIC, STEEL, REINFORCED CONCRETE OR AN APPROVED MATERIAL.
8. MINIMUM PIPE SLOPE SHALL BE 0.5% AND MINIMUM DESIGN VELOCITY WHEN FLOWING FULL SHALL BE NOT LESS THAN 2 FEET PER SECOND AND MAXIMUM VELOCITY SHOULD NOT BE MORE THAN 8 FEET PER SECOND.
9. JUNCTIONS OF 3 OR MORE PIPES, CHANGES IN ALIGNMENT, SLOPE AND/OR CHANGES IN PIPE DIAMETER SHALL BE MADE ONLY AT CATCH BASINS OR MANHOLES.
10. STEEP SLOPE INSTALLATION SHALL BE INSTALLED AS PER MANUFACTURES PIPE SPECIFICATIONS.
11. MANHOLE SHALL BE INSTALLED AT THE END OF EACH LINE, AT ALL CHANGE IN SIZE OR ALIGNMENT, AT DISTANCE NOT GREATER THAN 400 FEET OR AT CITY ENGINEER'S REQUIRED SPACING. ALL OTHER CHANGES IS SPACING MUST HAVE WRITTEN APPROVAL FROM PUBLIC WORKS DEPARTMENT.
12. LOCATING WIRE SHALL BE INSTALLED WITH ALL PUBLIC STORM PIPE INSTALLATIONS. SEE CITY DWG 1-8, 'IDENTIFYING TAPE DETAIL'.
13. CATCH BASINS AND MANHOLES SHALL BE ACCESSIBLE TO VEHICLES AND EQUIPMENT FOR MAINTENANCE AND BE WITHIN RIGHT-OF-WAY OF A MINIMUM EASEMENT WIDTH OF 20 FEET. PROPOSED ACCESS ROUTE MUST BE APPROVED BY CITY ENGINEER. MAINTENANCE ACCESS ROUTES THAT DO NOT FOLLOW THE STORMLINE MUST HAVE A MINIMUM 12' EASEMENT.

CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT	
STORMWATER SYSTEM GENERAL NOTES	
APPROVED FOR PUBLICATION City Engineer 11/21/16 Date	DWG. NO. 6-1

\Standards Dwgs - City\Current Stds\6-StormSewer\General_Notes_stm.dwg

20 STORMWATER SYSTEM NOTES
SCALE: NTS
C-500 - C-504



NOTES:
1. TYPICAL CATCH BASIN [WILBERT PRECAST PRODUCT #1827] AND RISERS [WILBERT PRECAST #1830 (FOR 12") OR #1831-2,4,6 (FOR 2", 4" OR 6")] OR BY OTHER MANUFACTURER WILL BE ACCEPTABLE ONLY WITH WRITTEN APPROVAL FROM PUBLIC WORKS DEPT.
2. SEE CITY DWG 6-6 'GENERAL NOTES FOR CATCH BASINS'.

CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT	
STORMWATER TYPE 1 CATCH BASIN	
APPROVED FOR PUBLICATION City Engineer 12/13/16 Date	DWG. NO. 6-8

M:\Standards\2010-Standards\6-StormSewer\CB Type_1.dwg

21 TYPE 1 CATCH BASIN
SCALE: NTS
C-500 - C-504

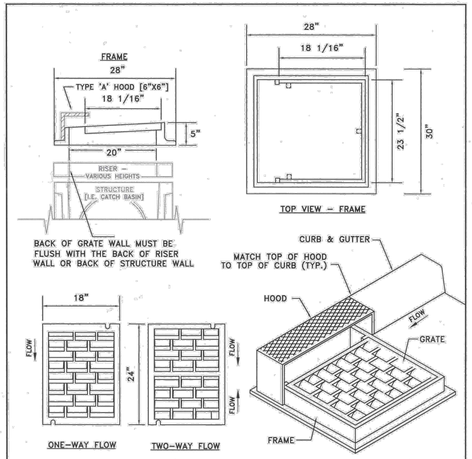
GENERAL NOTES FOR CATCH BASINS

1. ALL UNITS TO MEET OR EXCEED THE REQUIREMENTS OF ASTM C478/AASHTO M199.
2. ALL CURB INLET STRUCTURES SHALL HAVE A MINIMUM 12" SUMP WITH THREE 1 1/2" DIA. WEEP HOLES IN BASE AND MINIMUM OF 12" OF COMPACTED 5/8" MINUS UNDER BASE; CRUSHED AGGREGATE MATERIAL COMPACTED TO 95% MODIFIED PROCTOR AS PER AASHTO T180
3. A CATCH BASIN SHALL BE INSTALLED UPHILL TO EACH INTERSECTION CORNER RADIUS AND SPACED NO MORE THAN 400 FEET ALONG THE LENGTH OF THE STREET OR AT CITY ENGINEER'S REQUIRED SPACING. ADJUSTMENTS TO SPACING SHALL REQUIRE CALCULATIONS TO VERIFY THE CHANGES HAVE MET CITY SPECIFICATIONS.
4. PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MINIMUM.
5. ALL PIPES SHALL BE FLUSH WITH BASIN WALL AND SHALL BE MORTARED ALL AROUND.
6. USE CITY STD DWG NO. 6-7 FOR CATCH BASIN FRAME AND GRATE.
7. REDUCTION SLAB, RISERS, AND FRAME & GRATE SHALL NOT BE MORE THAN ONE INCH OUT OF VERTICAL ALIGNMENT WITH CATCH BASIN BASE.
8. MAXIMUM DEPTH FROM FINISHED GRADE TO PIPE INVERT IS 5 FEET.
9. USE A MINIMUM OF 1/2" NON-SHRINK GROUT BETWEEN RISERS, BASE, AND FRAME.
10. CURB INLET TO BE PLACED WITHIN A TOLERANCE OF 1/2" HORIZONTAL ALIGNMENT FROM CURB LINE.
11. SET GRATE 1" LOWER THAN PROPOSED FLOWLINE TO ENSURE POSITIVE DRAINAGE INTO CATCH BASIN. CURB FLOWLINE SHALL BE TRANSITION TO 3' ON EACH SIDE OF THE CATCH BASIN TO ADJUST FOR 1" DROP. GUTTER LIP AND TOP OF CURB ARE NOT TO BE DEPRESSED.

CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT	
STORMWATER GENERAL CATCH BASIN NOTES	
APPROVED FOR PUBLICATION City Engineer 12/13/16 Date	DWG. NO. 6-6

M:\Standards\2010-Standards\6-StormSewer\CB General-Notes.dwg

22 CATCH BASIN NOTES
SCALE: NTS
C-500 - C-504

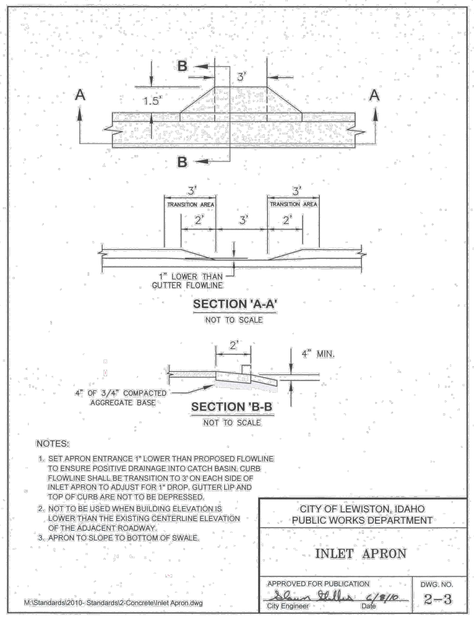


NOTES:
1. CURB INLET CATCH BASIN FRAME [D & L SUPPLY – PRODUCT I-4434], GRATE AND HOOD OR BY OTHER MANUFACTURER WILL BE ACCEPTABLE ONLY WITH WRITTEN APPROVAL FROM PUBLIC WORKS DEPT.
2. COVER MATERIAL SPECIFICATION GRAY IRON (ASTM A48 CL35B)
3. SEE CITY DWG 6-6 'GENERAL NOTES FOR CATCH BASINS'.

CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT	
STORMWATER CATCH BASIN FRAME AND GRATE	
APPROVED FOR PUBLICATION City Engineer 11/21/13 Date	DWG. NO. 6-7

Standards\2010-Standards\6-StormSewer\CB Frame_Grate.dwg

23 CATCH BASIN FRAME AND GRATE
SCALE: NTS
C-500 - C-504

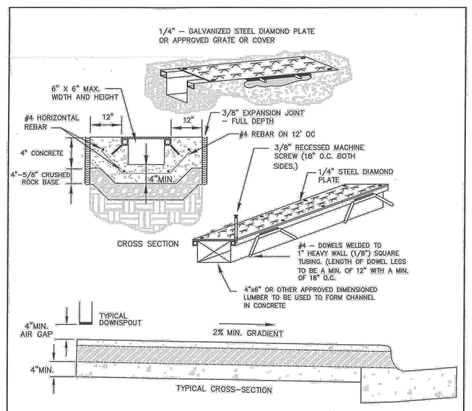


NOTES:
1. SET APRON ENTRANCE 1" LOWER THAN PROPOSED FLOWLINE TO ENSURE POSITIVE DRAINAGE INTO CATCH BASIN. CURB FLOWLINE SHALL BE TRANSITION TO 3' ON EACH SIDE OF INLET APRON TO ADJUST FOR 1" DROP. GUTTER LIP AND TOP OF CURB ARE NOT TO BE DEPRESSED.
2. NOT TO BE USED WHEN BUILDING ELEVATION IS LOWER THAN THE EXISTING CENTERLINE ELEVATION OF THE ADJACENT ROADWAY.
3. APRON TO SLOPE TO BOTTOM OF SWALE.

CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT	
INLET APRON	
APPROVED FOR PUBLICATION City Engineer 6/8/10 Date	DWG. NO. 2-3

M:\Standards\2010- Standards\2-Concrete\Inlet Apron.dwg

24 DRAINAGE INLET
SCALE: NTS
C-500 - C-504



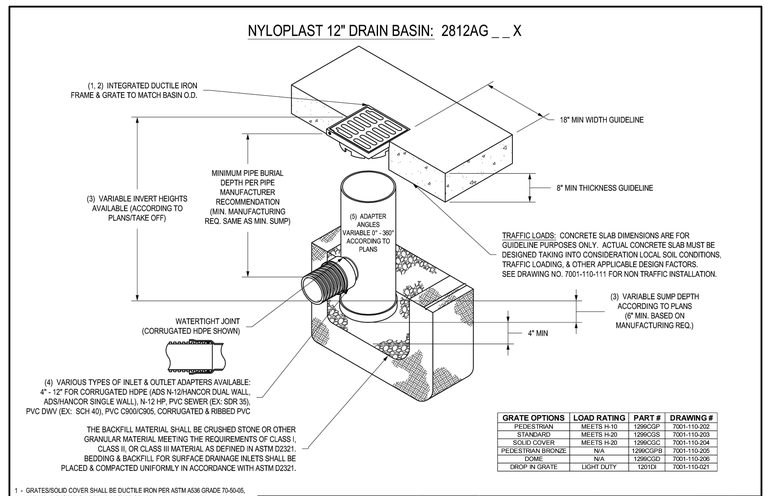
NOTES:
1. CONSTRUCTION JOINTS SHALL BE PLACED AS SHOWN OR AS DIRECTED BY THE ENGINEER.
2. CONCRETE SHALL BE 3,000 PSI.
3. THE GRATE SHALL BE FLUSH WITH THE ADJACENT SIDEWALK.
4. NO OBSTRUCTIONS WILL BE ALLOWED IN THE SIDEWALK.
5. A MINIMUM 4" AIR GAP SHALL BE MAINTAINED BETWEEN ROOF DOWN-SPOUTS AND SIDEWALK DRAINS.
6. ANY VARIATION TO THIS STANDARD MUST HAVE WRITTEN APPROVAL FROM CITY ENGINEER

SAME AS CITY STD NO. 1-17

CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT	
SIDEWALK DRAIN DETAIL	
APPROVED FOR PUBLICATION City Engineer 3/1/21 Date	DWG. NO. 6-12

Current Standards\6-StormSewer\SW_Drain-stm.dwg

25 SIDEWALK DRAIN
SCALE: NTS
C-500 - C-504



GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
PEDESTRIAN	MEETS H-10	1296CGP	7001-110-202
STANDARD	MEETS H-20	1296CGS	7001-110-203
SOLID COVER	MEETS H-20	1296CGC	7001-110-204
PEDESTRIAN BRONZE	N/A	1296CGPB	7001-110-205
DOME	N/A	1296CGD	7001-110-206
DROP IN GRATE	LIGHT DUTY	1201DI	7001-110-021

1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05, WITH THE EXCEPTION OF THE BRONZE GRATE.
2 - FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065
4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER.
5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE (° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.

THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN. REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST. ©2013 NYLOPLAST

DRAWN BY	EBC	MATERIAL	
DATE	03-29-06		
REVISED BY	NMH	PROJECT NO./NAME	
DATE	03-11-16		
DWG SIZE	A	SCALE 1:20	SHEET 1 OF 1

Nyloplast
3130 VERONA AVE
BUFORD, GA 30518
PHN (770) 932-2443
FAX (770) 932-2490
www.nyloplast-us.com

TITLE
12 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL

DWG NO. 7001-110-189 REV E

26 NYLOPLAST DRAIN BASIN
SCALE: NTS
C-500 - C-504

100% DESIGN DEVELOPMENT

CASTELLAW ◆ KOM ARCHITECTS
1126 MAIN STREET
LEWISTON, IDAHO 83501
208.746.0183

orcutt|winslow
2929 N CENTRAL AVE, 11 FLOOR
PHOENIX ARIZONA 85012
602.257.1764

COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

IDAHO Idaho Division of Veterans Services

IDAHO DIVISION OF VETERAN SERVICES

Veterans Home Expansion, Lewiston

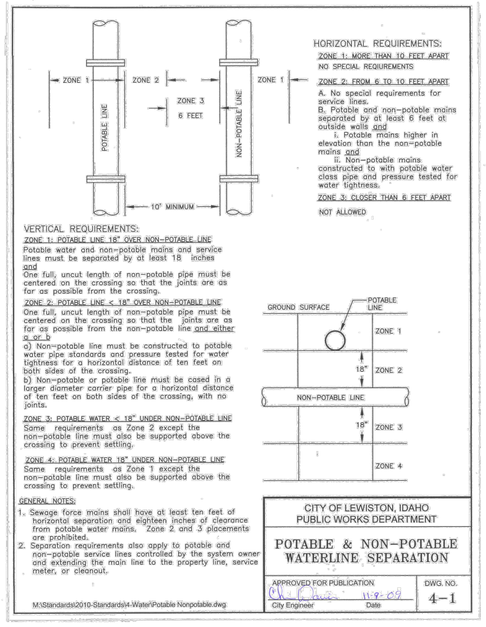
821 21st Ave, Lewiston, ID 83501

No.	Description	Date

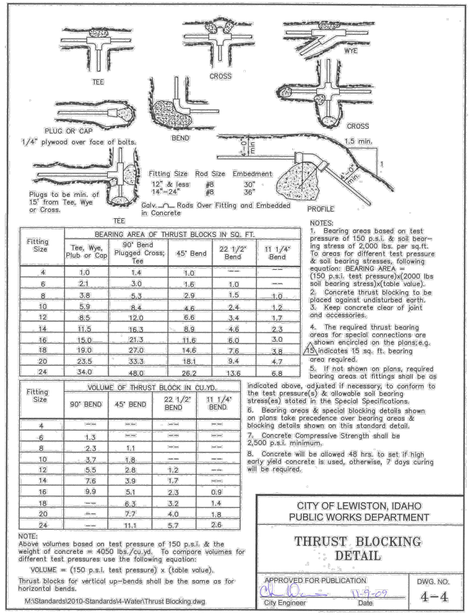
DATE	05/23/2023
DRAWN BY	KCM
CHECKED BY	CJH
CKA PRJ. NO.	21069
O|W PRJ. NO.	22_011
DPW PRJ. NO.	22602

STORM DETAILS

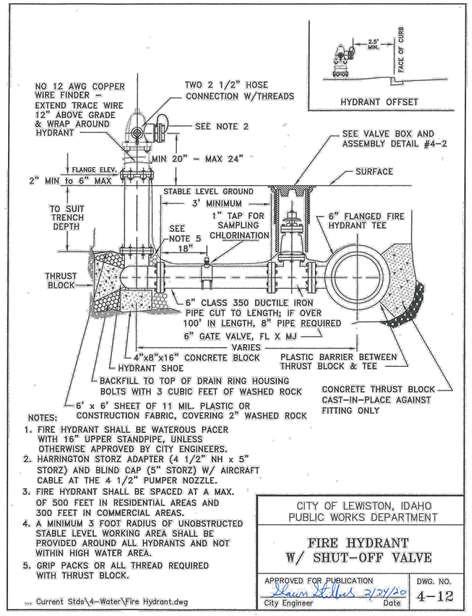
C-702



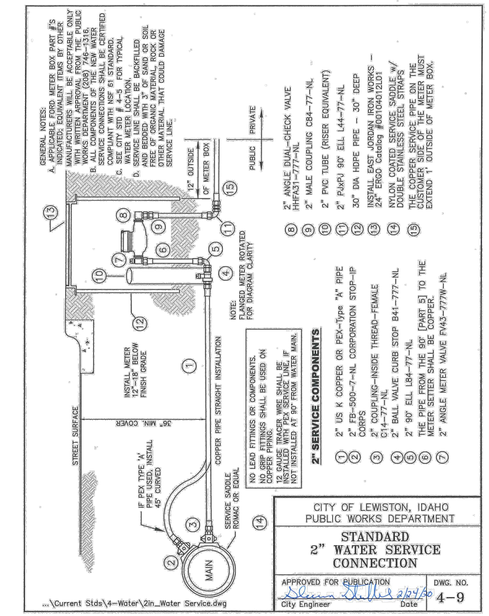
30 WATERLINE SEPARATION
SCALE: NTS
C-600 - C-604



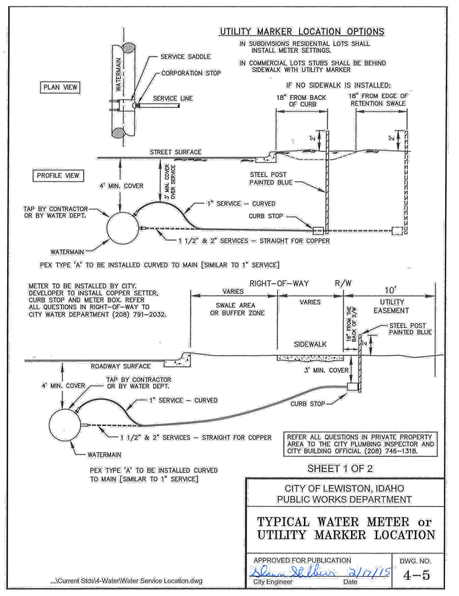
31 THRUST BLOCKING
SCALE: NTS
C-600 - C-604



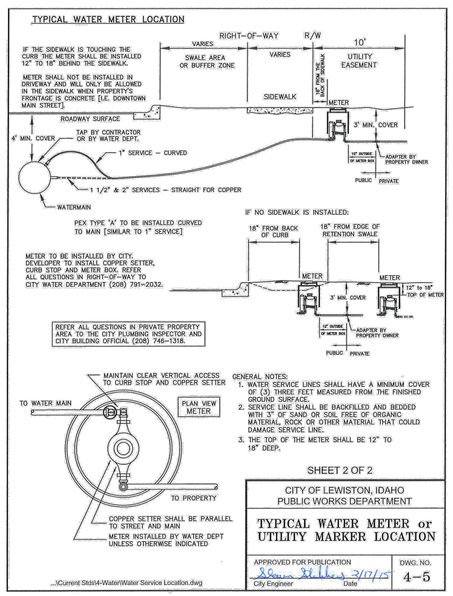
32 FIRE HYDRANT
SCALE: NTS
C-600 - C-604



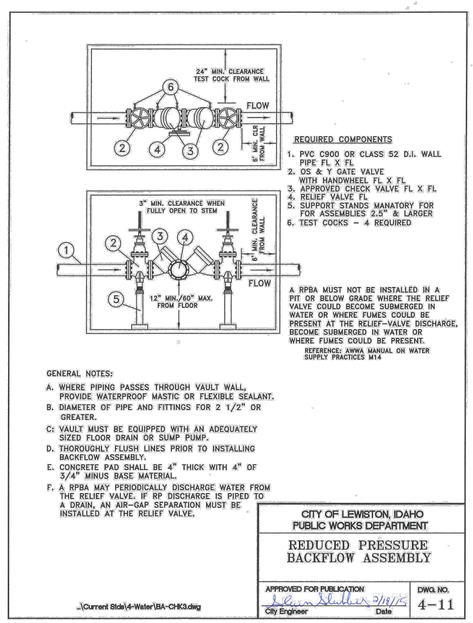
33 WATER SERVICE CONNECTION
SCALE: NTS
C-600 - C-604



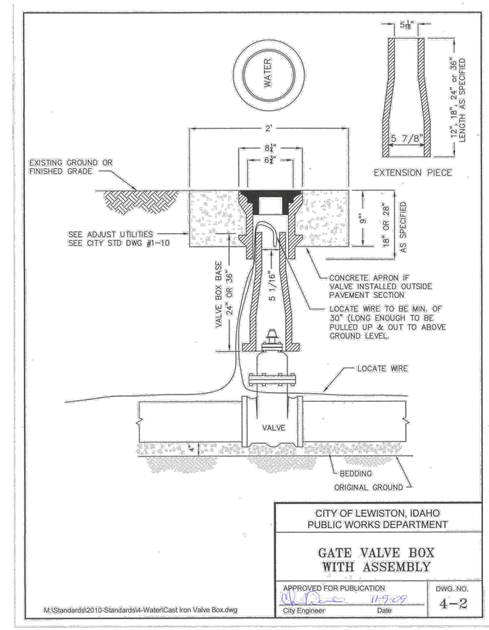
34 WATER METER (SHT. 1)
SCALE: NTS
C-600 - C-604



35 WATER METER (SHT. 2)
SCALE: NTS
C-600 - C-604



36 REDUCED PRESSURE BACKFLOW ASSEMBLY
SCALE: NTS
C-600 - C-604



37 GATE VALVE BOX WITH ASSEMBLY
SCALE: NTS
C-600 - C-604

100% DESIGN DEVELOPMENT

CASTELLAW • KOM ARCHITECTS
1126 MAIN STREET
LEWISTON, IDAHO 83501
208.746.0183
orcutt|winslow
2929 N CENTRAL AVE, 11 FLOOR
PHOENIX ARIZONA 85012
602.257.1764
COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com
IDAHO Idaho Division of Veterans Services

IDAHO DIVISION OF VETERAN SERVICES
821 21st Ave, Lewiston, ID 83501

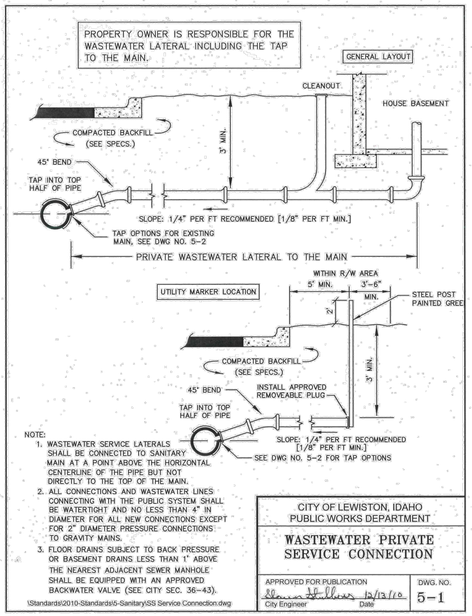
Veterans Home Expansion, Lewiston

No.	Description	Date

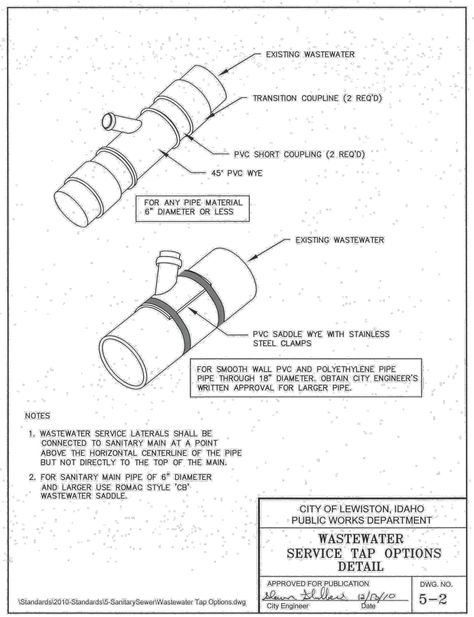
DATE 05/23/2023
DRAWN BY KCM
CHECKED BY CJH
CKA PRJ. NO. 21069
O|W PRJ. NO. 22_011
DPW PRJ. NO. 22602

UTILITY DETAILS

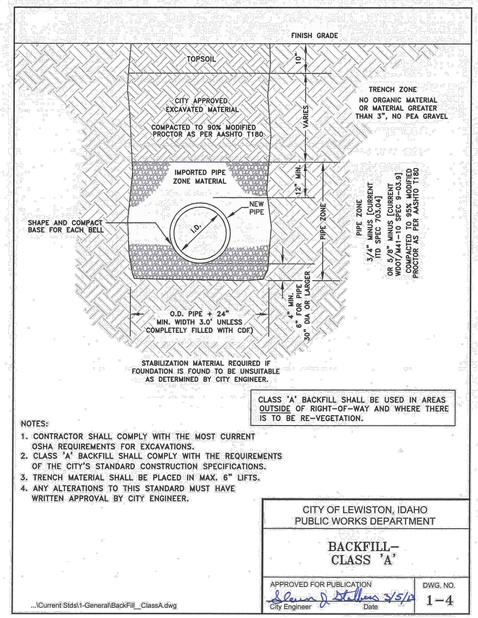
C-703



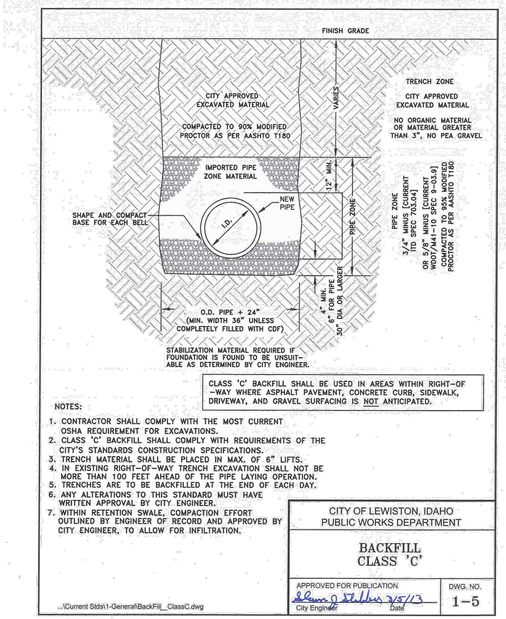
40 WASTEWATER SRVICE CONNECTION
SCALE: NTS
C-600 - C-604



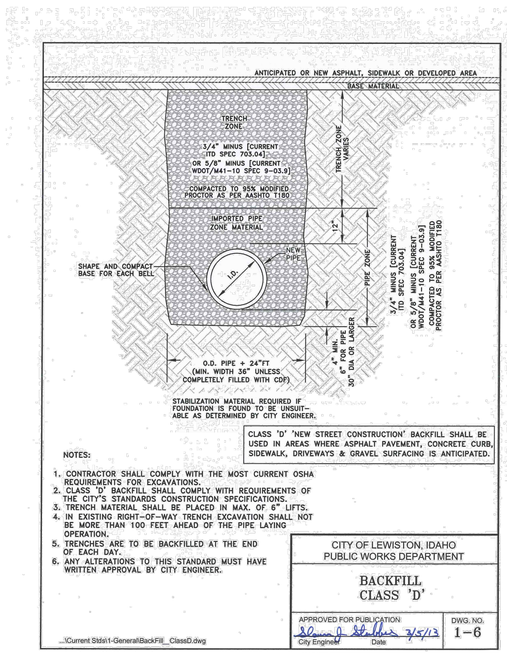
41 WASTEWATER SERVICE TAP OPTIONS
SCALE: NTS
C-600 - C-604



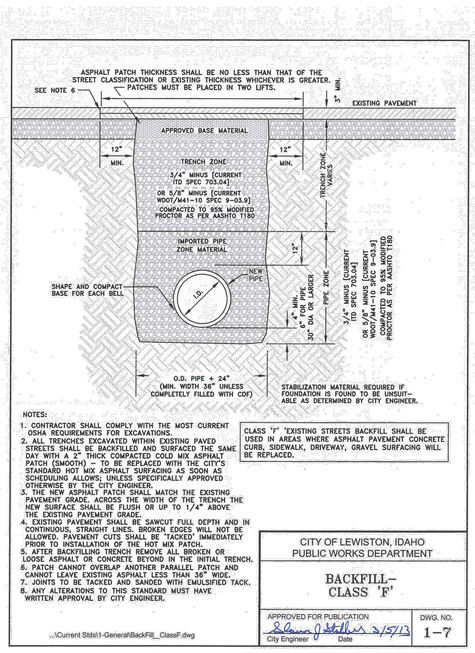
42 BACKFILL CLASS 'A'
SCALE: NTS
C-600 - C-604



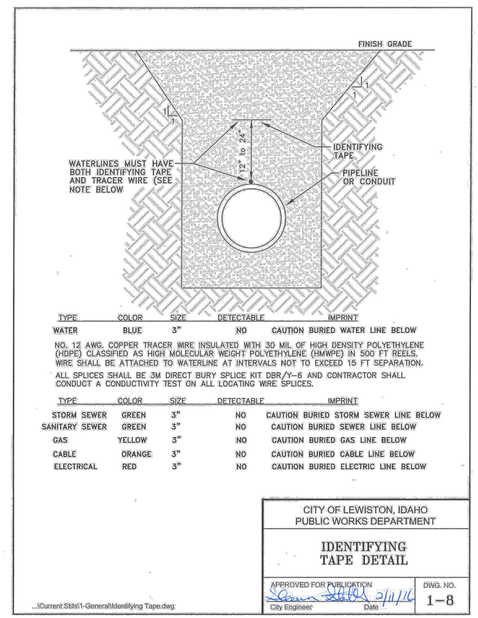
43 BACKFILL CLASS 'C'
SCALE: NTS
C-600 - C-604



44 BACKFILL CLASS 'D'
SCALE: NTS
C-600 - C-604



45 BACKFILL CLASS 'F'
SCALE: NTS
C-600 - C-604



46 IDENTIFYING TAPE
SCALE: NTS
C-600 - C-604

100% DESIGN DEVELOPMENT

CASTELLAW KOM ARCHITECTS
1126 MAIN STREET
LEWISTON, IDAHO 83501
208.746.0183
orcutt|winslow
2929 N CENTRAL AVE, 11 FLOOR
PHOENIX ARIZONA 85012
602.257.1764
COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com
IDAHO Idaho Division of Veterans Services

IDAHO DIVISION OF VETERAN SERVICES

Veterans Home Expansion, Lewiston

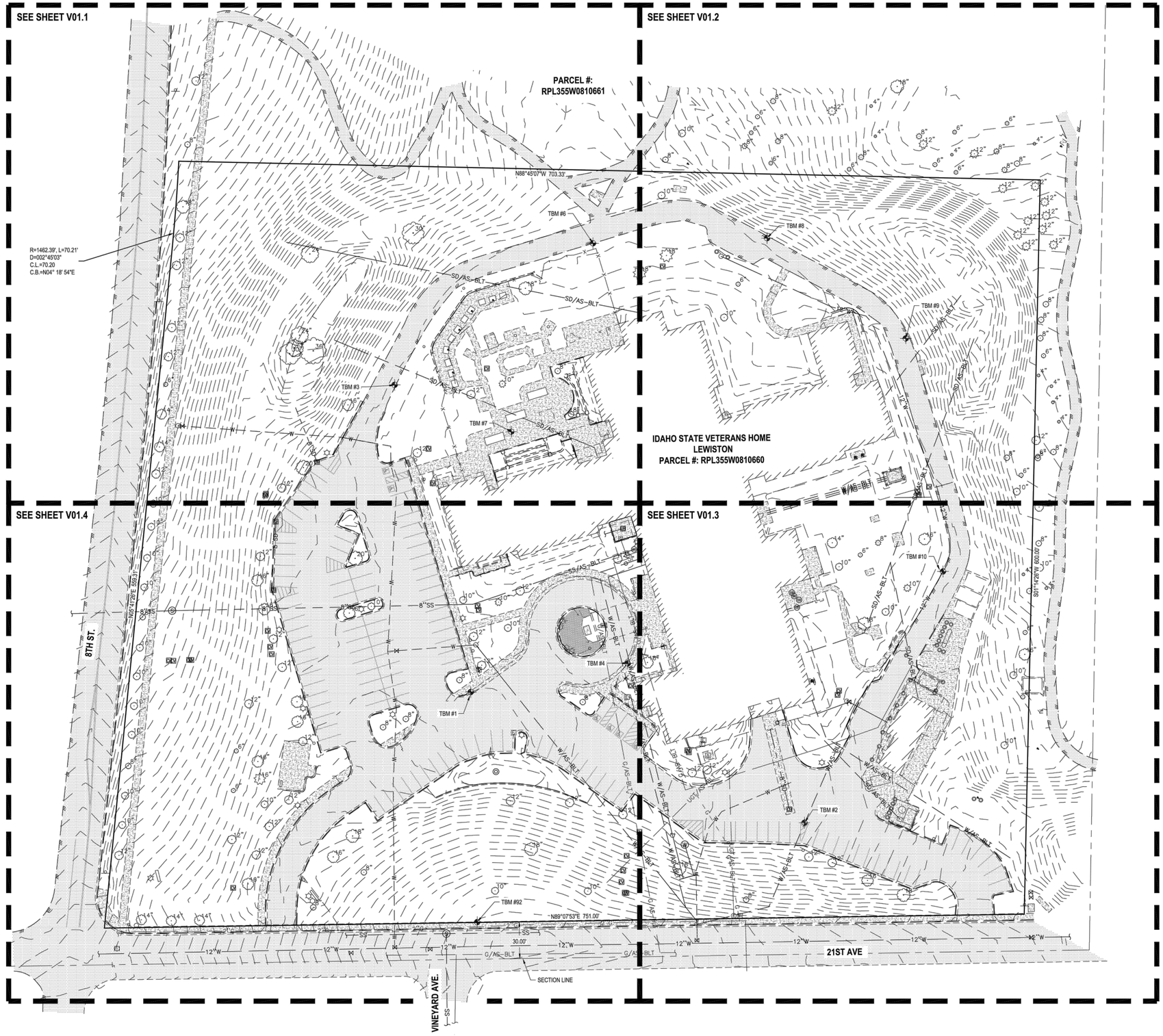
821 21st Ave, Lewiston, ID 83501

No.	Description	Date

DATE	05/23/2023
DRAWN BY	KCM
CHECKED BY	CJH
CKA PRJ. NO.	21069
O|W PRJ. NO.	22_011
DPW PRJ. NO.	22602

UTILITY DETAILS

C-704



GRID NORTH

40 20 0 40 80

SCALE: 1 INCH = 40 FEET

CONTOUR INTERVAL = 1 FOOT

LEWISTON VETERANS HOME
TOPOGRAPHIC SURVEY
S.6, T.35N., R.5W., B.M., CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO

TBM INFORMATION

POINT #	NORTHING	EASTING	GRID NORTHING	GRID EASTING	ELEVATION	DESCRIPTION
1	1727631.67	2304329.29	1727631.67	2304329.29	936.92	SET X
2	1727524.89	2304601.85	1727524.89	2304601.85	935.50	SET MAG
3	1727882.70	2304267.19	1727882.70	2304267.19	936.08	SET MAG+TAG
4	1727655.08	2304457.64	1727655.09	2304457.64	939.10	SET MAG+TAG
6	1727998.37	2304429.26	1727998.37	2304429.26	936.68	SET MAG+TAG
7	1727844.33	2304362.58	1727844.33	2304362.58	939.43	SET MAG+TAG
8	1728002.47	2304571.35	1728002.47	2304571.36	935.78	SET MAG+TAG
9	1727920.63	2304684.51	1727920.63	2304684.52	935.40	SET MAG+TAG
10	1727730.20	2304714.92	1727730.20	2304714.92	936.29	SET MAG+TAG

LEGEND

- BUILDING
- CONCRETE
- ASPHALT
- TRAFFIC STRIPING
- CURB
- PROPERTY LINE
- FENCE
- STORM SEWER
- SD/AS-BLT — STORM SEWER PER AS-BUILT *
- SANITARY SEWER
- SS/AS-BLT — SANITARY SEWER PER AS-BUILT
- UGE — ELECTRICAL UNDERGROUND
- G — NATURAL GAS
- G/AS-BLT — NATURAL GAS PER AS-BUILT
- W — WATER
- W/AS-BLT — WATER PER AS-BUILT
- UGT — UNDERGROUND TELEPHONE
- UGT/AS-BLT — UNDERGROUND TELEPHONE PER AS-BUILT
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- IRRIGATION CONTROL VALVE
- WATER MANHOLE
- SEWER MANHOLE
- CLEAN OUT
- DRYWELL
- ELECTRIC BOX
- GUY ANCHOR
- TELEPHONE RISER
- TRANSFORMER
- GAS METER
- CONIFEROUS TREE
- DECIDUOUS TREE
- POST
- SIGN
- MAILBOX
- BOLLARD
- COMMUNICATION MANHOLE
- CATCH BASIN
- GAS VALVE
- LIGHT POLE
- WATER SPIGOT
- AC UNIT
- EG — EXISTING GROUND ELEVATION
- TEMPORARY BENCHMARK

* AS-BLT LINES ARE APPROXIMATELY PLACED FROM "GARRY J. RATZLAFF. ARCHITECT/ WALKER ENGINEERING (PLUMING SITE PLAN & OUT BLDG)" , PLAN DATED 09/06/91

UTILITY STATEMENT

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

ACCURACY STATEMENT

SURVEY PERFORMED USING A LEICA TCRP 1201 ONE SECOND ROBOTIC TOTAL STATION, A LEICA TCRP 1203 ONE SECOND ROBOTIC TOTAL STATION, A LEICA MS-60 ONE SECOND ROBOTIC MULTI STATION, A LEICA GS16 GPS BASE STATION, A LEICA GS16 GPS ROVER, A JAVAD TRIUMPH-1M GPS BASE STATION, A JAVAD TRIUMPH-LS ROVER AND A DJI PHANTOM 4 PRO RTK AERIAL DRONE.

HORIZONTAL DATUM

SURVEY IS BASED ON THE IDAHO STATE PLANE COORDINATE SYSTEM, NAD83, WEST ZONE, U.S. FOOT. GROUND COORDINATES HAVE BEEN OBTAINED BY CREATING AN ADJUSTED STATE PLANE COORDINATE SYSTEM SCALED AROUND GRID POINT # 1 .THE SCALE FACTOR OF 0.999991413 WAS APPLIED TO ALL THE GRID COORDINATES TO OBTAIN THE GROUND COORDINATES.

ELEVATION DATUM

NORTH AMERICAN VERTICAL DATUM OF 1988(NAVD 88). GEOID 12B

NOTES

1. FIELD SURVEY COMPLETED IN DECEMBER 2022.
2. THIS DRAWING HAS BEEN PREPARED FOR TOPOGRAPHIC DESIGN PURPOSES ONLY AND DOES NOT REPRESENT A FORMAL BOUNDARY SURVEY BY COFFMAN ENGINEERS. PROPERTY LINES SHOWN ARE APPROXIMATE, BASED ON RECORD INFORMATION AND FOUND MONUMENTATION.

COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

DANIEL JEFFREY KAY
STATE OF WASHINGTON
48775
REGISTERED
PROFESSIONAL LAND SURVEYOR

REV	DATE	DESCRIPTION

PROJ. NO.	222737
DRAWN	ME
CHECKED	KMR & JEA
DATE	12/22/2022

© COFFMAN ENGINEERS INC.

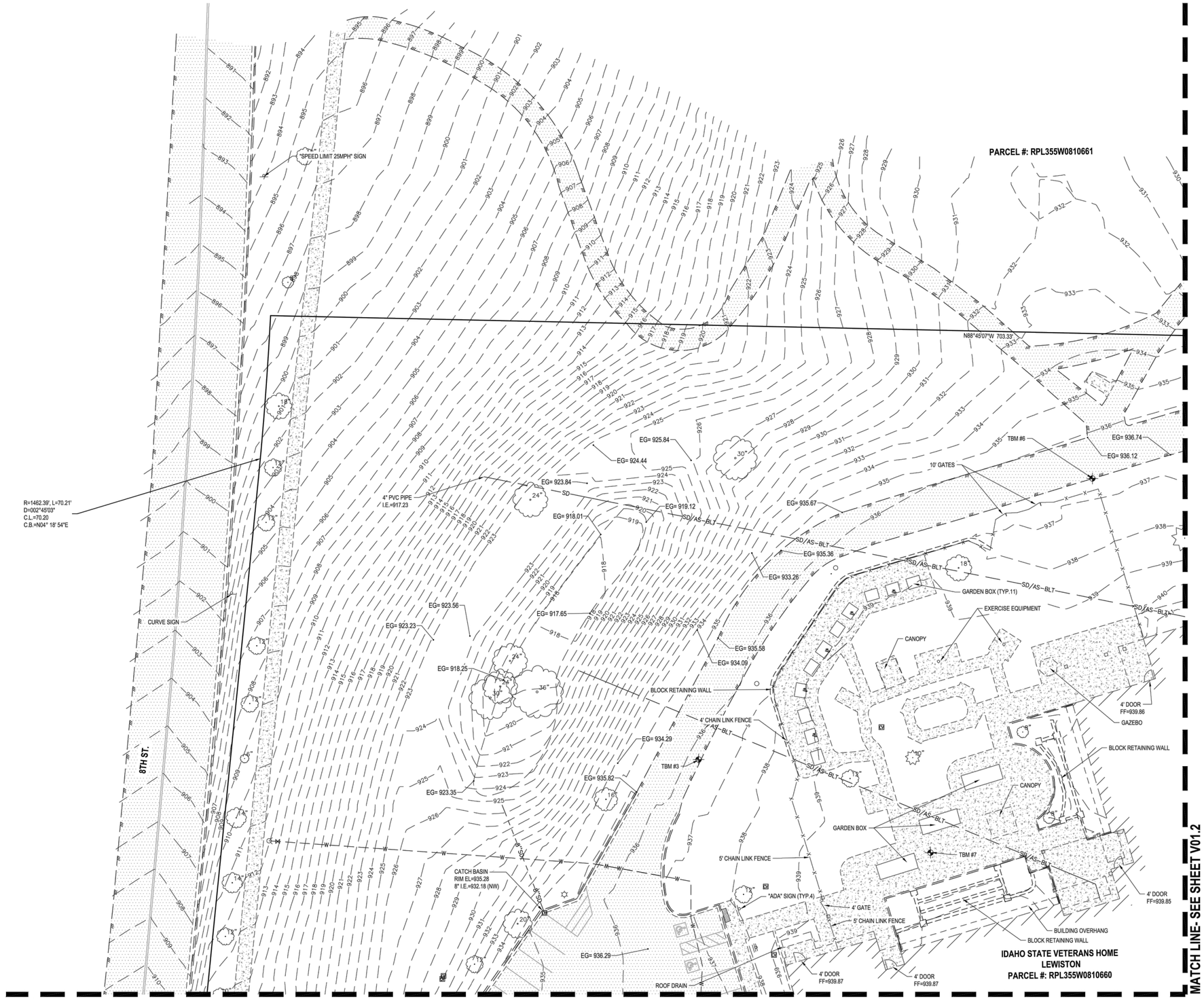
SHEET TITLE:

LEWISTON VETERANS HOME TOPOGRAPHIC SURVEY

SHEET NO:

V01

SHEET 1 OF 5



COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

DANIEL JEFFREY ANDERSON
STATE OF WASHINGTON
48775
REGISTERED
PROFESSIONAL LAND SURVEYOR

REV	DATE	DESCRIPTION

PROJ. NO.	222737
DRAWN	ME
CHECKED	KMR & JEA
DATE	12/22/2022

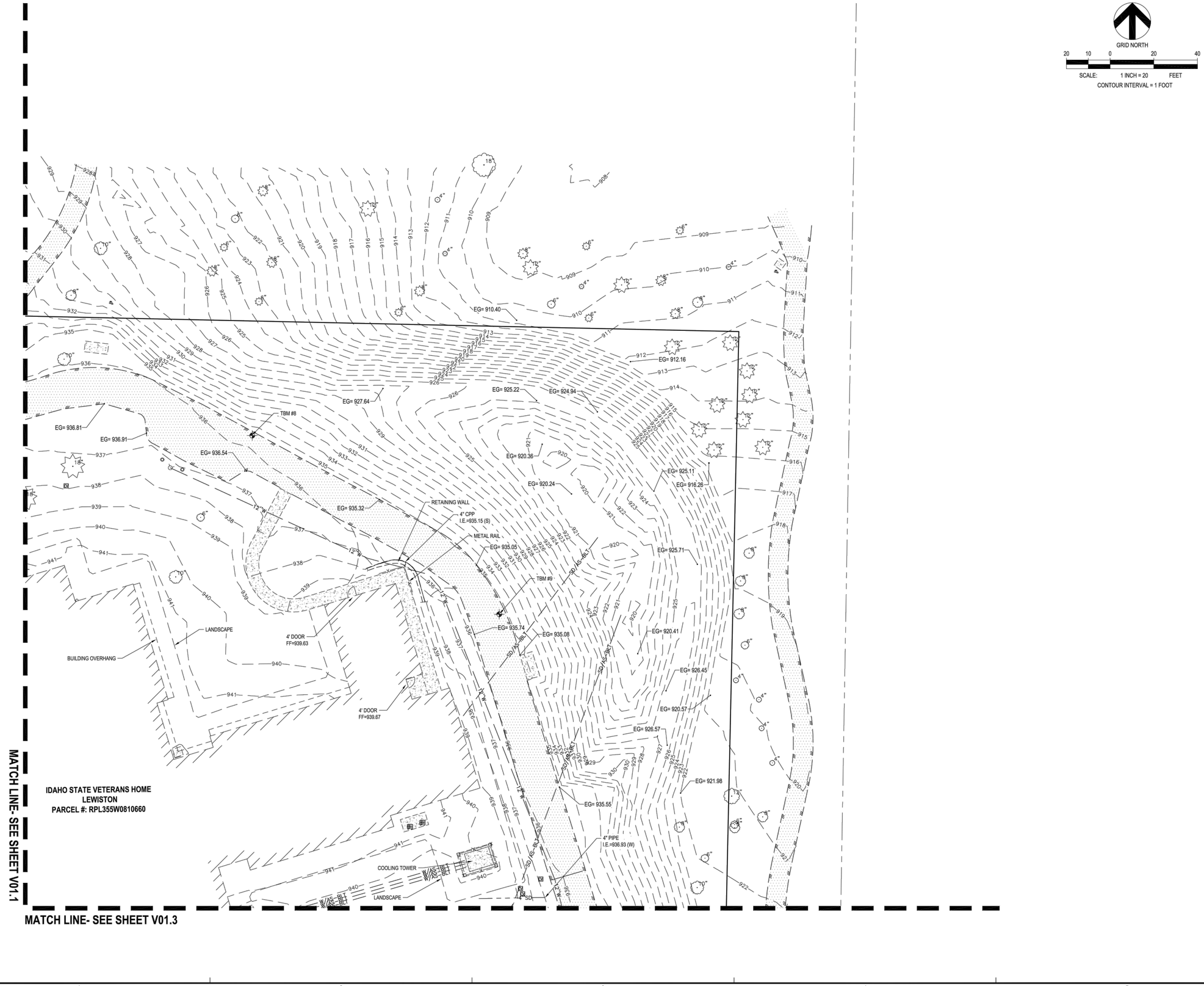
© COFFMAN ENGINEERS INC.

SHEET TITLE:

LEWISTON VETERANS HOME TOPOGRAPHIC SURVEY

SHEET NO:

V01.1



COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

DANIEL JEFFREY ANDERSON
STATE OF WASHINGTON
44775
REGISTERED
PROFESSIONAL LAND SURVEYOR

REV	DATE	DESCRIPTION

PROJ. NO.	XXXXXX
DRAWN	ME
CHECKED	KMR & JEA
DATE	12/22/2022

© COFFMAN ENGINEERS INC.

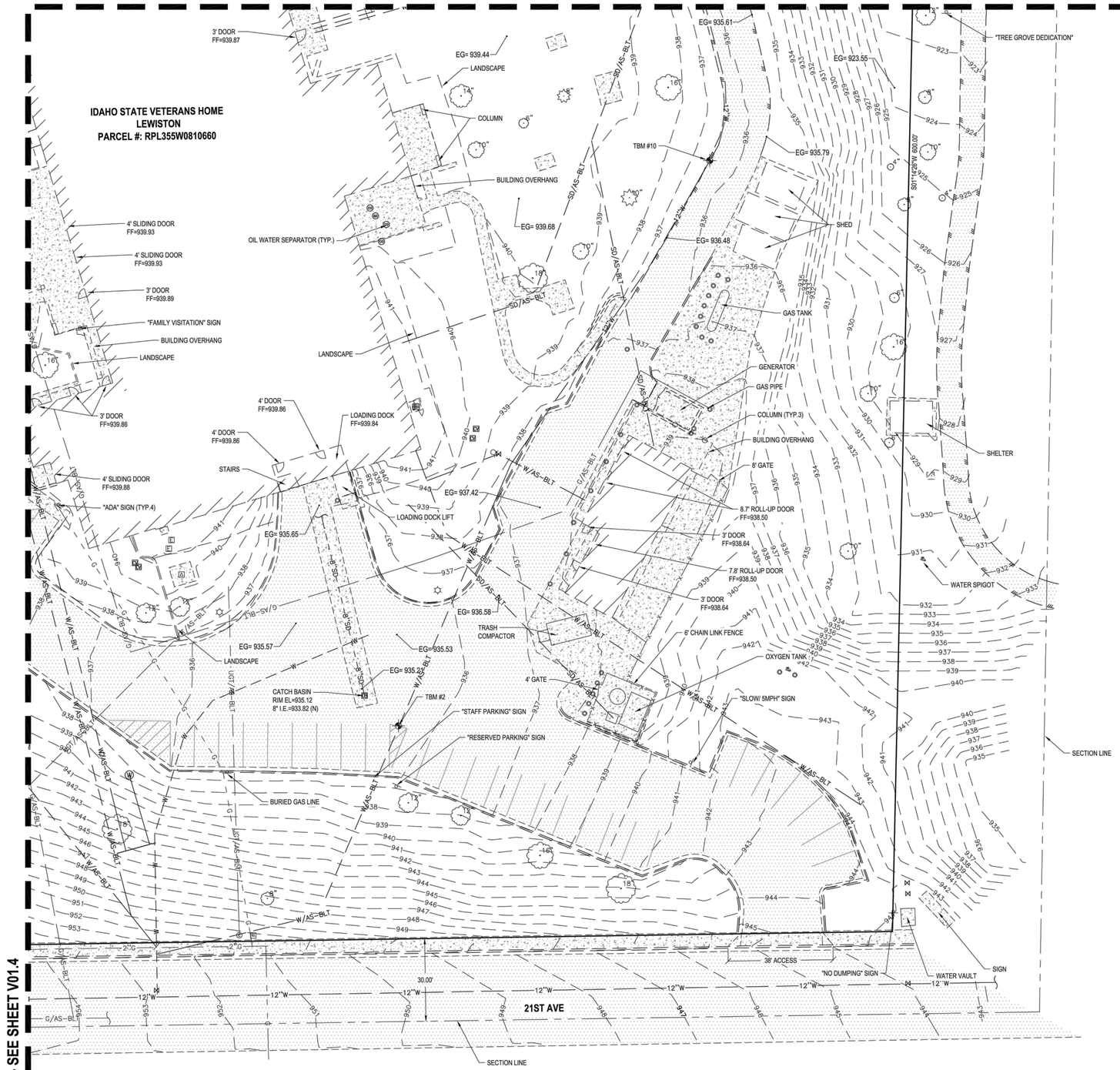
SHEET TITLE:

LEWISTON VETERANS HOME TOPOGRAPHIC SURVEY

SHEET NO:

V01.2

MATCH LINE- SEE SHEET V01.2



MATCH LINE- SEE SHEET V01.4

GRID NORTH

20 10 0 20 40

SCALE: 1 INCH = 20 FEET

CONTOUR INTERVAL = 1 FOOT

COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

DANIEL JEFFREY ATKINS
STATE OF WASHINGTON
44775
REGISTERED
PROFESSIONAL LAND SURVEYOR

ADDRESS

REV	DATE	DESCRIPTION

PROJ. NO.	XXXXXX
DRAWN	ME
CHECKED	KMR & JEA
DATE	12/22/2022

© COFFMAN ENGINEERS INC.

SHEET TITLE:

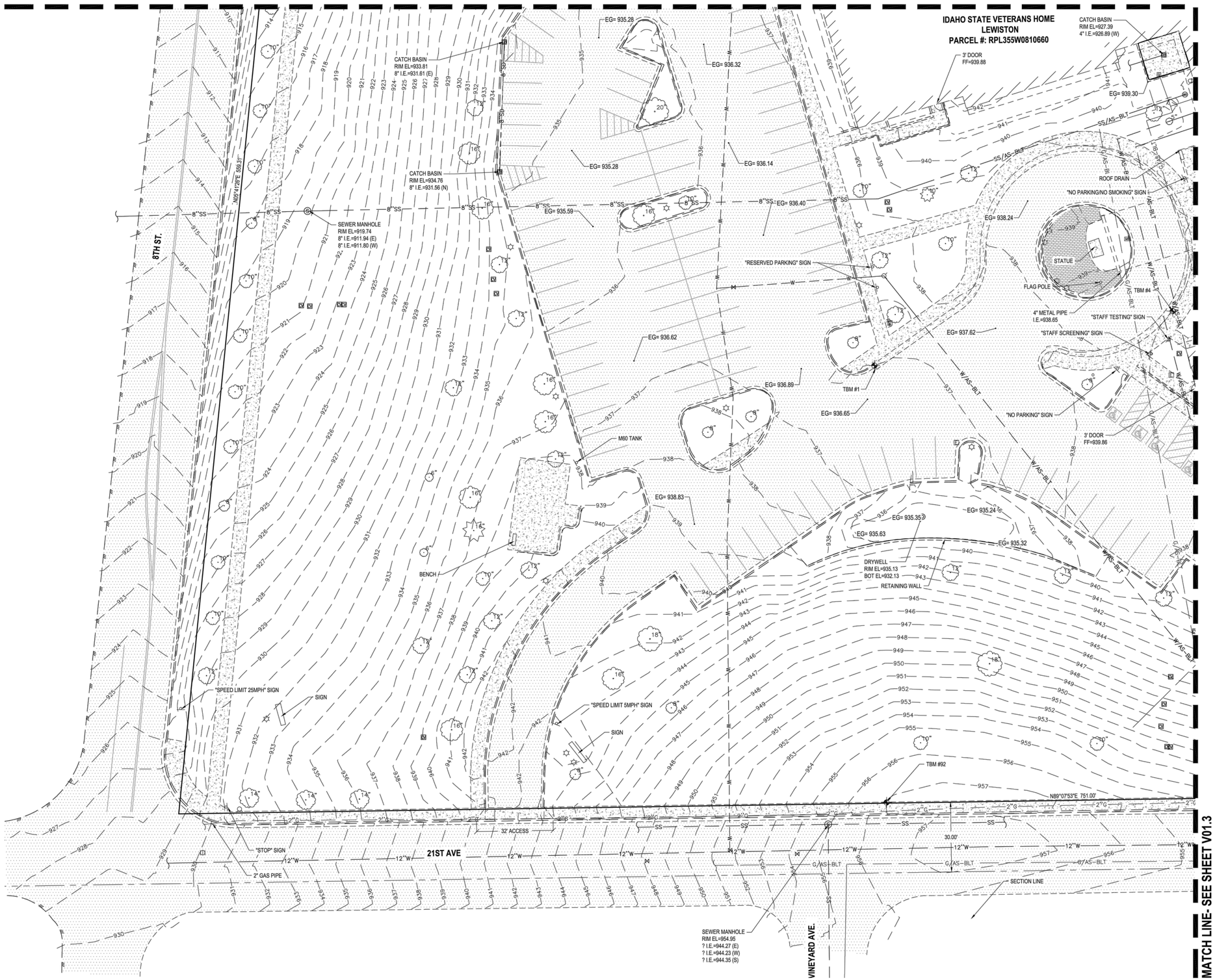
LEWISTON VETERANS HOME TOPOGRAPHIC SURVEY

SHEET NO:

V01.3

SHEET 4 OF 5

MATCH LINE- SEE SHEET V01.1



GRID NORTH

20 10 0 20 40

SCALE: 1 INCH = 20 FEET

CONTOUR INTERVAL = 1 FOOT

COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

DANIEL JEFFREY ANDERSON
STATE OF WASHINGTON
48775
REGISTERED
PROFESSIONAL LAND SURVEYOR

REV	DATE	DESCRIPTION

PROJ. NO.	222737
DRAWN	ME
CHECKED	KMR & JEA
DATE	12/22/2022

© COFFMAN ENGINEERS INC.

SHEET TITLE:

LEWISTON VETERANS HOME
TOPOGRAPHIC SURVEY

SHEET NO:

V01.4

SHEET 5 OF 5

50

APPENDIX B

AIR QUALITY



Idaho Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

Data is current as of August 31, 2023

Listed by County, NAAQS, Area. The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

* The 1997 Primary Annual PM-2.5 NAAQS (level of 15 µg/m^3) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. (81 FR 58009)

Change the State:
IDAHO GO

Important Notes

Download National Dataset: dbf | xls | Data dictionary (PDF)

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
IDAHO								
Ada County	Carbon Monoxide (1971)	Boise-Northern Ada County, ID	92939495969798990001	12/27/2002	Not Classified	Part	257,440	16/001
Ada County	PM-10 (1987)	Ada County; Boise, ID	99000102	11/26/2003	Moderate	Part	240,254	16/001
Bannock County	PM-10 (1987)	Power-Bannock Counties; Portneuf Valley Area, ID	92939495969798990001020304 05	08/14/2006	Moderate	Part	65,778	16/005
Bannock County	PM-10 (1987)	Power-Bannock Counties; Fort Hall Indian Reservation, ID	92939495969798990001020304050607080910111213141516171819202122 23	/ /	Moderate	Part	315	16/005
Bonner County	PM-10 (1987)	Bonner County; The Sandpoint Area, ID	92939495969798990001020304050607080910111 2	05/03/2013	Moderate	Part	40,876	16/017
Franklin County	PM-2.5 (2006)	Logan, UT-ID	09101112131415161718192 0	06/21/2021	Moderate	Part	12,523	16/041

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Power County	PM-10 (1987)	Power-Bannock Counties; Portneuf Valley Area, ID	92939495969798990001020304 05	08/14/2006	Moderate	Part	6,618	16/077
Power County	PM-10 (1987)	Power-Bannock Counties; Fort Hall Indian Reservation, ID	92939495969798990001020304050607080910111213141516171819202122 23	/ /	Moderate	Part	276	16/077
Shoshone County	PM-10 (1987)	Shoshone County; City of Pinehurst, ID	92939495969798990001020304050607080910111213141516 17	10/11/2018	Moderate	Part	1,578	16/079
Shoshone County	PM-10 (1987)	Shoshone County; Pinehurst Expansion Area, ID	9495969798990001020304050607080910111213141516 17	10/11/2018	Moderate	Part	9,691	16/079
Shoshone County	PM-2.5 (2012)	West Silver Valley, ID	151617181920	12/16/2021	Moderate	Part	7,497	16/079

Important Notes

Discover.

Connect.

Ask.

Follow.

2023-08-31

APPENDIX C

CULTURAL AND HISTORICAL RESOURCES

5 April 2023

Greg Castellaw
Castellaw Kom Architects
gcastellaw@ckarchitects.com

Via Email

RE: DPW Project 22602, Lewiston Veterans Home Expansion / SHPO Rev. No. 2023-392

Dear M. Castellaw:

Thank you for consulting with our office on the above-referenced project. The State Historic Preservation Office is providing comments to the U.S. Department of Veterans Affairs pursuant to Section 106 of the National Historic Preservation Act and its implementing regulations, 36 CFR § 800. Consultation with the SHPO is not a substitution for consultation with Tribal Historic Preservation Offices, other Native American tribes, local governments, or the public.

It is our understanding that the scope of the undertaking includes expanding and remodeling the existing Lewiston Veterans Home; or a no remodel for a new building total of 76,500 square feet at the located at 821 21St Avenue, Lewiston, Nez Perce County, Idaho.

Pursuant to 36 CFR § 800.5, we have applied the criteria of effect to the proposed undertaking. Based on the information received 27 March 2023, we concur the proposed project actions will have **no adverse effect to historic properties,** specifically the National Register-listed Lewiston Vineyards Gates (69-4320) and the National Register-eligible Gateway to the Lewiston Orchards (69-17933) .

If cultural material is inadvertently encountered during the implementation of this project, work shall be halted in the vicinity of the finds until they can be inspected and assessed by the appropriate consulting parties.

Thank you for the opportunity to comment. Please note that our response does not affect the review timelines afforded to other consulting parties. Additionally, the information provided by other consulting parties may cause us to revise our comments. If you have any questions or the scope of work changes, please contact me via phone or email at 208.488.7463 or ashley.molloy@ishs.idaho.gov.

Sincerely,

Ashley L. Molloy, M.A.
Historical Review Officer
Idaho State Historic Preservation Office

Date: September 27, 2022

From: Alec Bennett, Senior Historic Preservation Specialist, Office of Construction & Facilities Management (CFM)

To: **Office of Geriatrics and Extended Care (12GEC)/ State Home Construction Grant Program (SHCGP)**

Subject: FAI# 16-016: Renovation- Double to Single Bed/Bath, Lewiston, Nez Pierce County, Idaho

B3 – Historic Preservation Clearance

1. CFM has reviewed the State's materials and finds that the information provided meets the NHPA compliance requirements for this project.

2. The project folder includes a finding of no adverse effect to historic properties from the Idaho State Historical Society.

3. This project was included in the FY23 program-wide tribal consultation package. VA did not receive any interest in or comments on this project from federally recognized tribes.

4. Approval is recommended for the B3 Historic Preservation Review.

Alec Bennett
U.S. Department of Veterans Affairs
Office of Construction & Facilities Management
425 I Street, N.W., Washington, D.C. 20001
202.855.0727
alec.bennett@va.gov

PROPOSED DESIGN

The design developed through the study proposes to expand the existing facility to the North following the VA's Small House Design Guideline principals. This expansion would create two new 16-bed households wings which then allows the conversion of the existing rooms into single occupancy. In doing so, this provides an opportunity to enclose the existing northeast and northwest garden areas in to secure courtyards for the residence. This protects these outdoor areas from strong winds and creates an elopement proof area for residents with dementia and other cognitive issues to enjoy safely. In addition, the new household wings can be linked to the existing east and west wings to create a looped indoor walking path for residents and staff to use when the outdoor weather precludes going outside for exercise.

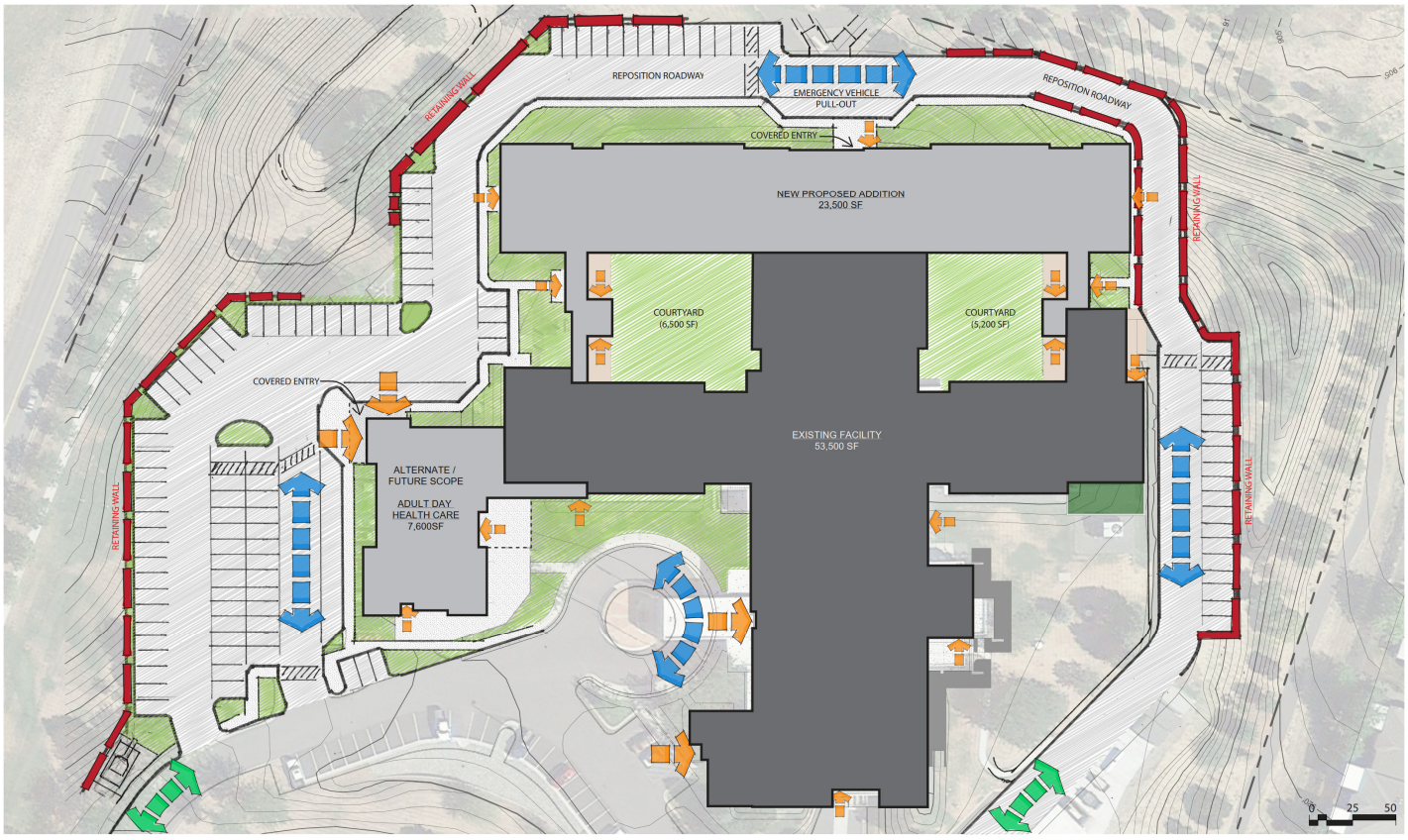
In addition to the residence expansion, the study has evaluated the construction of a new connected Adult Day Care Facility. This facility would provide separated day services to non-residents while utilizing a shared kitchen and potentially staff. Construction of this portion of work would expand to the west of the current building along with a new developed parking area.

PROPOSED SQUARE FOOTAGE

Existing Building: 53,500 SF

Area to be Remodeled:	40,000 SF
Proposed Addition:	23,500 SF
Minimal Updates:	13,000 SF
TOTAL FINAL SKILLED NURSING SF:	**76,500 SF**

Adult Day Health Care (Future / Alt): 7,600 SF



SITE PLAN - PROPOSED LAYOUT WITH PARKING
N.T.S.

January 2022

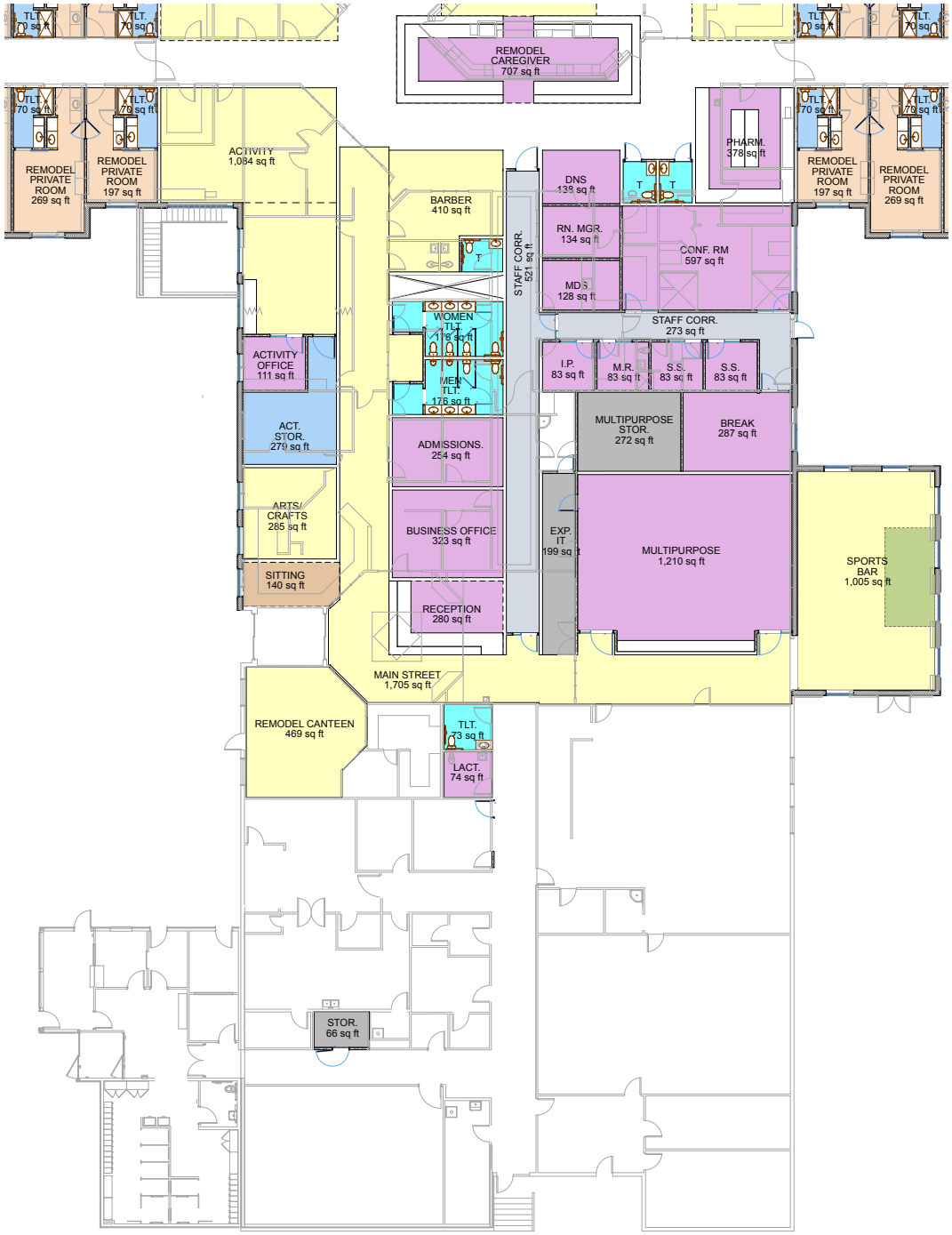


PROPOSED FLOOR PLAN
NTS





PARTIAL ENLARGED RESIDENTIAL FLOOR PLAN
NTS





PARTIAL ENLARGED COMMUNITY CENTER FLOOR PLAN
NTS



Northeast Corner – Facing North

←
1



→
2

Northeast Corner – Facing Northeast



Northeast Corner – Facing Southeast

←
3



→
4

Northeast Corner – Facing South

Photographs taken by ATLAS Personnel



Northeast Corner – Facing Southwest

← 5

→ 6



Northeast Corner – Facing Northwest



Southeast Corner – Facing North

← 7

→ 8



Southeast Corner – Facing Northeast

Photographs taken by ATLAS Personnel



Southeast Corner – Facing Southeast

← 9

→ 10



Southeast Corner – Facing South



Southeast Corner – Facing Southwest

← 11

→ 12



Southeast Corner – Facing Northwest

Photographs taken by ATLAS Personnel



Southwest Corner – Facing North

←
13

→
14



Southwest Corner – Facing Northeast



Southwest Corner – Facing Southeast

←
15

→
16



Southwest Corner – Facing South

Photographs taken by ATLAS Personnel



Southwest Corner – Facing Southwest

←
17

→
18



Southwest Corner – Facing Northwest



Northwest Corner – Facing North

←
19

→
20



Northwest Corner – Facing Northeast

Photographs taken by ATLAS Personnel



Northwest Corner – Facing Southeast

← 21

→ 22



Northwest Corner – Facing South



Northwest Corner – Facing Southwest

← 23

→ 24



Northwest Corner – Facing Northwest

Photographs taken by ATLAS Personnel



Loading Dock with Hydraulic Lift

←
25

→
26



Outdoor seating area



Building Interior – Vacant double occupancy room

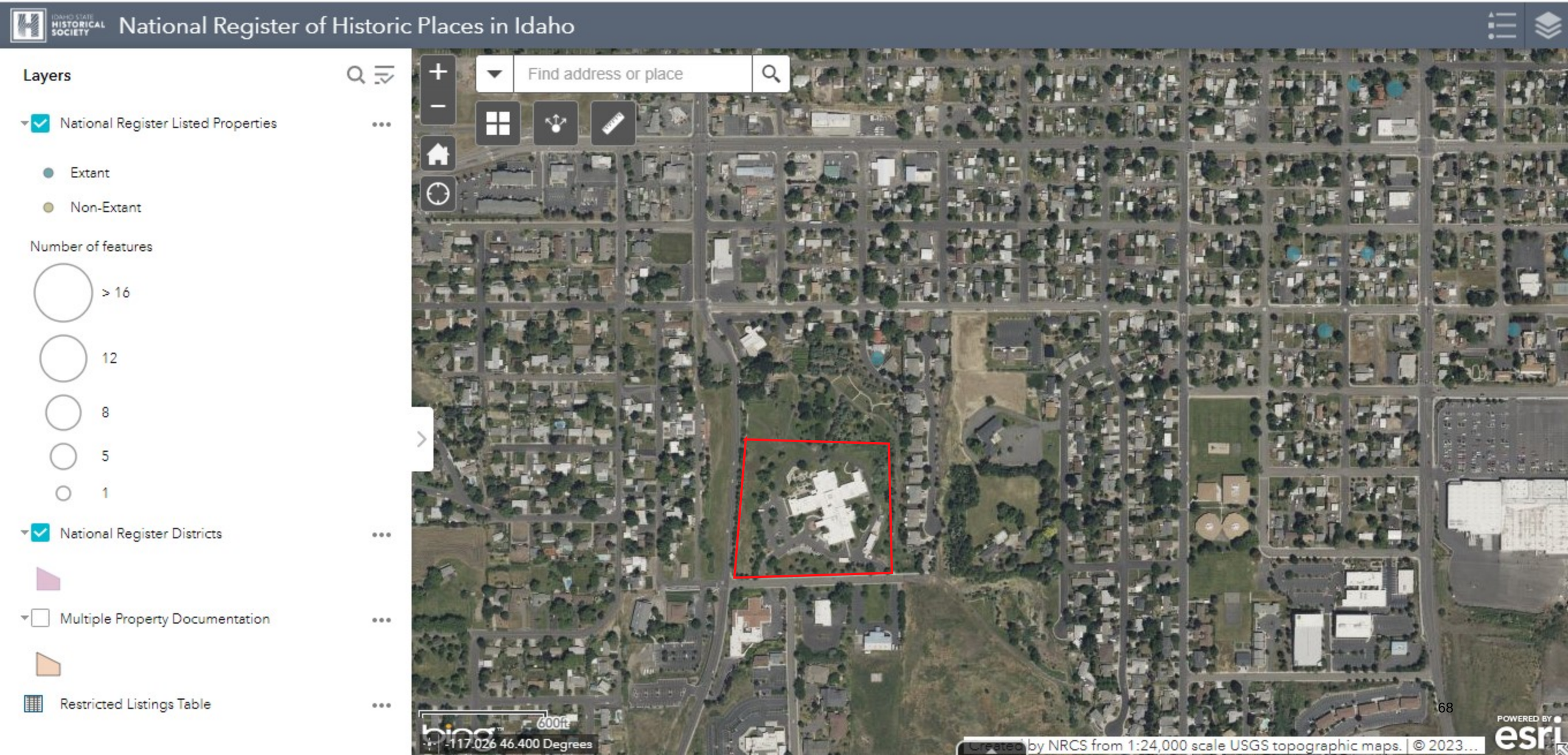
←
27

→
28



Building Interior – Bathroom

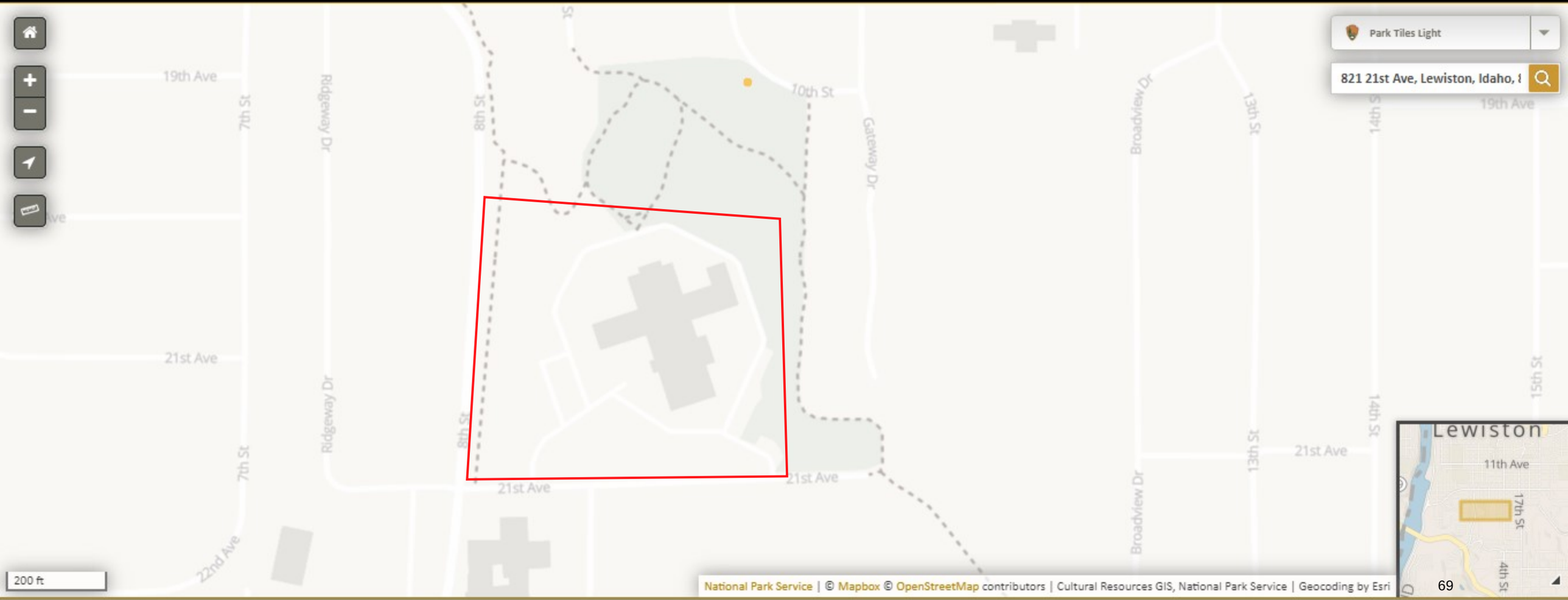
Photographs taken by ATLAS Personnel


National Register of Historic Places in Idaho
Layers
National Register Listed Properties
Extant
Non-Extant
Number of features
> 16
12
8
5
1
National Register Districts
Multiple Property Documentation
Restricted Listings Table
Find address or place
600 ft
-117.026 46.400 Degrees
Created by NRCS from 1:24,000 scale USGS topographic maps. | © 2023...
POWERED BY esri

National Register of Historic Places

Public, non-restricted data depicting National Register spatial data processed by the Cultural Resources GIS facility. Last minor update, September 2020.

National Park Service
U.S. Department of the Interior



Alex Greiner

From: Tracy Schaner <Tracy.Schaner@veterans.idaho.gov>
Sent: Friday, October 13, 2023 3:53 PM
To: David Sedlick; Alex Greiner
Cc: Greg Castellaw; Brent Beaudoin; Elaine Hill
Subject: [EXTERNAL] FW: 16-016 - SHPO/Tribal - Lewiston State Veterans Home Historical/Tribal Info.
Attachments: FAI 16-016 B3 ID Lewiston CFM approval B3 memo 9.27.23.pdf

[External Email] This email originated from outside of the Atlas mail system. Please use caution when opening attachments.

Hello David and Alex,

See below and attached for the information on the tribal information and historical recommendation approval from the VA related to the Lewiston Home project.

Much thanks,

Tracy M. Schaner, Deputy Chief
Idaho Division of Veterans Services
tracy.schaner@veterans.idaho.gov
"Caring for America's Heroes"

PHONE: (208) 780-1320
FAX: (208) 780-1301
URL: https://veterans.idaho.gov

351 N. Collins Road
Boise, ID 83702

From: Bennett, Alec (CFM) <Alec.Bennett@va.gov>
Sent: Wednesday, September 27, 2023 2:56 PM
To: Tracy Schaner <Tracy.Schaner@veterans.idaho.gov>
Subject: RE: 16-016 - SHPO/Tribal

CAUTION: This email originated outside the State of Idaho network. Verify links and attachments BEFORE you click or open, even if you recognize and/or trust the sender. Contact your agency service desk with any concerns.

Tracy –

Appreciate you following up. OTGR let me know last week that we did not receive any comments.

With this in mind I just uploaded my approval memo to confluence.

Best,
Alec

From: Tracy Schaner <Tracy.Schaner@veterans.idaho.gov>
Sent: Monday, September 11, 2023 12:43 PM
To: Bennett, Alec (CFM) <Alec.Bennett@va.gov>
Cc: Harris, Kameshia L (VACO) <Kameshia.Harris@va.gov>
Subject: [EXTERNAL] 16-016 - SHPO/Tribal

Hello Alec,

I've uploaded the response we received back from SHPO for project FAI 16-016 showing that there is no adverse effect to historic properties. Will you be reaching out to the tribes?

Thanks,

Tracy M. Schaner, Deputy Chief
Idaho Division of Veterans Services
tracy.schaner@veterans.idaho.gov
"Caring for America's Heroes"

PHONE: (208) 780-1320
FAX: (208) 780-1301
URL: https://veterans.idaho.gov

351 N. Collins Road
Boise, ID 83702

APPENDIX D

SOIL AND GEOLOGY

Soil Map—Lewis and Nez Perce Counties, Idaho
(Lewiston - VA)



Map Scale: 1:1,610 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 20 40 80 120

Feet
0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lewis and Nez Perce Counties, Idaho
Survey Area Data: Version 22, Sep 2, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 23, 2022—Aug 5, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
25	Chard silt loam, 2 to 10 percent slopes	8.8	86.5%
26	Chard silt loam, 10 to 25 percent slopes	1.4	13.5%
Totals for Area of Interest		**10.2**	**100.0%**

Map Unit Description

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions in this report, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named, soils that are similar to the named components, and some minor components that differ in use and management from the major soils.

Most of the soils similar to the major components have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Some minor components, however, have properties and behavior characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. All the soils of a series have major horizons that are similar in composition, thickness, and arrangement. Soils of a given series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Additional information about the map units described in this report is available in other soil reports, which give properties of the soils and the limitations, capabilities, and potentials for many uses. Also, the narratives that accompany the soil reports define some of the properties included in the map unit descriptions.

Report—Map Unit Description

Lewis and Nez Perce Counties, Idaho

25—Chard silt loam, 2 to 10 percent slopes

Map Unit Setting

National map unit symbol: 2nvw
Elevation: 740 to 1,360 feet

Mean annual precipitation: 12 to 15 inches
Mean annual air temperature: 52 to 54 degrees F
Frost-free period: 170 to 190 days
Farmland classification: Farmland of statewide importance

Map Unit Composition
Chard and similar soils: 95 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Chard

Setting
Landform: Ridges, terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loess and/or loamy alluvium

Typical profile
A - 0 to 15 inches: silt loam
Bw - 15 to 32 inches: loam
Bk - 32 to 55 inches: fine sandy loam
2C - 55 to 62 inches: sand

Properties and qualities
Slope: 2 to 10 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 12 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 25.0
Available water supply, 0 to 60 inches: High (about 9.3 inches)

Interpretive groups
Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Ecological site: R008XY002ID - Loamy 12-16 PZ
Hydric soil rating: No

26—Chard silt loam, 10 to 25 percent slopes

Map Unit Setting
National map unit symbol: 2nvx
Elevation: 740 to 1,360 feet
Mean annual precipitation: 12 to 15 inches
Mean annual air temperature: 52 to 54 degrees F

Frost-free period: 170 to 190 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Chard and similar soils: 90 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Chard

Setting

Landform: Terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loess and/or loamy alluvium

Typical profile

A - 0 to 15 inches: silt loam
Bw - 15 to 32 inches: loam
Bk - 32 to 55 inches: fine sandy loam
2C - 55 to 62 inches: sand

Properties and qualities

Slope: 10 to 25 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 12 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 25.0
Available water supply, 0 to 60 inches: High (about 9.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: B
Ecological site: R008XY002ID - Loamy 12-16 PZ
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lewis and Nez Perce Counties, Idaho
Survey Area Data: Version 22, Sep 2, 2022

GEOTECHNICAL EVALUATION FOR THE "LEWISTON VETERANS HOME ADDITION" – DPW 2022602 - MULTI-UNIT RESIDENTIAL FACILITY ADDITION – LOCATED AT 821 21ST AVENUE, LEWISTON, IDAHO

December 6, 2021

GTI-Project No. 2385-ID

Prepared For:

Idaho Division of Public Works
502 N. 4th Street
Lewiston, Idaho 83720

TABLE OF CONTENTS

SCOPE OF SERVICES 1

SITE DESCRIPTION 2

PROPOSED DEVELOPMENT 2

FIELD STUDIES 2

REGIONAL GEOLOGY 2

SUBSURFACE CONDITIONS 3
- Existing Spread Fill 3
- Native Loess Soils 3

SURFACE & GROUND WATER 4

TECTONIC FAULTING AND REGIONAL SEISMICITY 4
- Secondary Seismic Constraints 5
- Summary: 5

RESULTS OF LABORATORY TESTING 5

CONCLUSIONS 5

RECOMMENDATIONS - EARTHWORK CONSTRUCTION 6
- General 6
- Demolition 6
- Removals/Processing - General 6
- Transitional Pads 7
- Excavation Difficulty 7
- Fill Placement 8
- Fill Material 8
  - On-site Soils 8
  - Structural Fill Import Material 8
  - Coarse Structural Fill Material 8
- Observation and Testing 9
- Ground Water 9
- Earthwork Settlements 9

RECOMMENDATIONS – FOUNDATIONS 9
- General 9
- Conventional Foundation Recommendations 10
- Foundation Settlement 11
- Retaining and Block Walls 11

Wall Foundation Construction 12
Restrained Walls 13
Cantilevered Walls 13

PAVEMENT SECTIONS 14
Pavement Construction and Maintenance 15
On-Site Traffic 15
Design Recommendations 15
On-Site Asphalt Concrete Pavement Sections 16
On-Site Portland Cement Concrete Pavement Sections 17

OTHER RECOMMENDATIONS 18
Site Improvements 18
Landscape Maintenance and Planting 18
Soil Corrosion 19
Trench Excavation 19
Onsite Utility Trench Backfill 19
Drainage 19

PLAN REVIEW 20

LIMITATIONS 20

Enclosures:

Figure #1, Site Vicinity Map
Figure #2, Site Exploration Plan
Figure #3, Site Plan Map
Fiugure#4, Strip Footing Over-excavation Fill Blanket
Figure #5, Spread Footing Over-Excavation Fill Blanket

Appendix A, References
Appendix B, Boring Logs
Appendix C, Field Tests and Observations
Appendix D, Laboratory Test Results

GeoTek, Inc.
320 East Corporate Drive Suite 300 Meridian, ID 83642-3511
(208) 888-7010 Office (208) 888-7924 Fax www.geotekusa.com

December 6, 2021
Project No. 2385-ID

Idaho Division of Public Works
502 N. 4th Street
Boise, ID 83720

Attn: Ms. Elaine Hill

Subject: **Geotechnical Evaluation** for the "Lewiston Veterans Home Addition" – DPW 2022602 - a Multi-Unit Residential Facility Addition – Located at 821 21st Avenue, Lewiston, Idaho

In accordance with your request, GeoTek, Inc. (GTI) has completed a geotechnical evaluation of the subject property for the construction of an approximate 11,000 SF multi-unit veteran housing expansion including a courtyard, parking expansion, and associated improvements. The purpose of our study was to evaluate the soils underlying the site and to provide recommendations for project design and construction based on our findings. This report outlines the geologic and geotechnical conditions of the site based on current data and provides earthwork and construction recommendations with respect to those conditions.

SCOPE OF SERVICES

The scope of our services has included the following:

1. Review of soils and geologic reports and maps for the site (Appendix A).
2. Site reconnaissance.
3. Review of aerial photographs.
4. Excavating and logging of five (5) exploratory borings (Appendix B).
5. Obtaining samples of representative soils, as the exploratory borings were advanced.
6. Performing laboratory testing on representative soil samples (Appendix D).
7. Assessment of potential geologic constraints.
8. Engineering analysis regarding foundation design/construction, foundation settlement, and site preparation.
9. Preparation of this report

SITE DESCRIPTION

The project site is generally bound by a walking park and single-family residences to the north, Jubilee Academy and single-family residences to the east, 21st Avenue and commercial structures to the south, and 8th Street and single-family residences to the west (Figures 1 and 2). Currently, the property consists of a multi-unit veteran housing facility, courtyard, existing asphaltic concrete paved parking lot, and grass landscaping. From topographic maps, the site's elevation is approximately 930 to 955 feet above mean sea level. Historically, topography generally directs surface water to the north.

PROPOSED DEVELOPMENT

It is our understanding that site development would consist of performing typical cut and fill earthwork to attain the desired graded configuration(s) for the construction of an approximate 11,000 SF multi-unit veteran housing expansion including a courtyard, parking expansion, and associated improvements. It is further assumed that final site grade will be within 5 feet of existing site grade with no basements, crawlspaces, or below grade walls. The building type will likely be a combination of masonry and steel construction supported on conventional shallow foundations and concrete slab-on-grade floors. Utilities will be extended from the existing veteran housing facility to service the new building. Stormwater runoff is anticipated to be directed to the existing City of Lewiston stormwater system along 8th Street.

FIELD STUDIES

Subsurface conditions at the site were explored by using a hollow-stem auger drill rig. Five (5) borings were advanced onsite. Borings were excavated to a depth between 15 feet and 30 feet. A log of each exploration is included with this report in Appendix B. The approximate locations of the explorations are indicated on the enclosed Site Exploration Plan (Figure 2). Locations of the borings were selected based on coordination with the Veteran Housing Facility and Castellaw Kom Architects (CKA). Two (2) percolation tests were performed on the subject site (Appendix C). Groundwater was not observed in any of our borings; therefore, no temporary groundwater monitoring wells (piezometers) were installed onsite. Field studies were completed during November of 2021 by our field personnel who conducted field excavation location mapping, logged the excavations, and obtained samples of representative soils for laboratory testing. The Unified Soil Classification System (USCS) Classification was used to visually classify the subgrade soils during the field evaluation.

REGIONAL GEOLOGY

The subject site is located in Lewiston, Idaho which is situated at the confluence of the Snake River and Clearwater River in Nez Perce County. Lewiston lies on the western edge of the Columbia Plateau in Idaho. This valley is characteristic of the Columbia River basalt group which comprises large-volume flows of tholeiitic basalt, basalt andesite, and subordinate andesite (IGS, 2021). The

Columbia Plateau encompasses nearly 63,000 square miles in Idaho, Washington, and Oregon and stretches from the notable cities of Coeur d'Alene to Lewiston within the state (USGS, 2021). More specifically, the subject site lies within the Clearwater Gravels, possibly from the Pliocene era. This group is comprised of primarily mainstream channel gravel and sand deposits. Over time this area became a highly dissected terrace. Remnants of the original terrace range from an elevation of 1,050 feet to 1,080 feet with remnant slopes graded to the terrace formed by an alluvial fan. Indicating a current direction similar to that of the Clearwater River are forset crossbedding, gravel clast lithologies, and cobble imbrication (Garwood and others, 2005). In general, Lewiston is underlain by the Columbia River Basalt Group and further underlain by older granite and metamorphic rock. The basalt flows consist of multiple layers of basalt with lacustrine and fluvial sediments of the Latah formation blended between the flows (Baldwin, and others, 2005).

The gravel and sands in this area show greater sign of weathering than typical quaternary deposits including yellow to brown iron oxides within its matrix. Also shown in the gravel and sands are local cementation and some gravel clast softening. Complex facies are reflected in this unit by reflecting interaction of tributary as well as mainstream sources. A major aggradational event occurred in the valley which filled this area to an elevation of about 1,150 feet (Garwood and others, 2005).

The Lewiston Basin Aquifer is located in southeastern Washington and north central Idaho and supplies the city with its water supply. Despite a ground water extraction of up to 1.75 billion gallons per year, the aquafer seems to remain in a stable condition (Stevens, 1994). The Lewiston Basin hydrologic area encompasses approximately 400 square miles and is drained by the Snake and Clearwater rivers (Baldwin, 2005).

SUBSURFACE CONDITIONS

Existing Spread Fill

Based on our field studies, spread fills were observed across the site. This fill is generally associated with the construction of the existing veterans housing facility and associated improvements. This spread fill shall be considered artificial fill. The upper 24 inches to 36 inches of material has been disturbed and consists of primarily silty sand and a moderate amount of organics and roots. This shall be considered artificial fill. These "Artificial Fills" are soft and contain organics/roots and are not considered suitable for support of foundations. All artificial fill material should be removed as described in the "Removals" section of this report.

Native Loess Soils

Native loess soils encountered generally consisted of tan to brown silty sand and silty clay with sand underlain by silty gravels and further underlain by poorly graded sand. The moisture content within the materials was generally slightly moist. The consistency of these soils was generally medium dense to very dense. We anticipate that the onsite soils can be excavated with conventional earthwork equipment equivalent to CAT D9R dozers and CAT 235 excavators.

SURFACE & GROUND WATER

Ground water was not encountered in any of the excavations (to a maximum depth of 30 ft.) A slight perched water condition was observed at B-2 approximately 10 feet below the surface. A nearby retention pond was located on the northeast side of the property. At the time of our investigation, this retention pond was observed to have standing water to approximately fifty percent of capacity. We anticipate ground water levels to be more than 30 feet below the existing site surface. Ground water levels will fluctuate throughout the seasons and year-to-year due to changes in precipitation, nearby landscape irrigation, infiltration, and site development. Generally, irrigation ditches and canals will locally influence ground water during the irrigation season (i.e., May through October).

If deep excavations (near the expected ground water level or identified perched water area) onsite are anticipated, it should be expected that special excavation and fill placement measures may be necessary. Wet materials should be spread out and air-dried or mixed with drier soils to reduce their moisture content as appropriate for fill placement. Initial ground water monitoring and percolation testing field results can be found in Appendix C.

TECTONIC FAULTING AND REGIONAL SEISMICITY

The site is situated in an area of active as well as potentially active tectonic faults, however no faults were observed during our field evaluation. There are a number of faults in the regional area, which are considered active and would have an effect on the site in the form of ground shaking, should they be the source of an earthquake. It is reasonable to assume that structures built in this area will be subject to at least one seismic event during their life, therefore, it is recommended that all structures be designed and constructed in accordance with the International Building Code (IBC). Based on our experience in the general vicinity, references in our library, field evaluation of the site, a Seismic Design Site Class Designation of 'D' may be used for seismic design.

The site is located at approximately 46.40106° N Latitude and 117.0196° W Longitude. Based on our experience in the general vicinity, references in our library, field evaluation of the site, a Site Class Designation of 'D' may be used for seismic design. The spectral acceleration (SA) for 0.2 second and 1.0 second periods for Site Class Designation of 'D' was determined from the USGS Website, Earthquake Hazards Program, Interpolated Probabilistic Ground Motion for the Conterminous 48 States by Latitude/Longitude, 2015 International Building Code Data Edition. The results for Site Class 'D' are presented in the following Table:

Mapped Spectral Response Acceleration Site Class D (percent of g)	
0.2 sec period Mapped Spectral Acceleration (S_S)	29.0
1.0 sec period Mapped Spectral Acceleration (S_1)	10.4
0.2 second period Design Spectral Response Acceleration (SD_s)	30.3
1.0 second period Design Spectral Response Acceleration (SD_1)	16.5

It is important to keep in perspective that if a seismic event were to occur on any major fault, intense ground shaking could be induced to this general area. Potential damage to any settlement sensitive structures would likely be greatest from the vibrations and impelling force caused by the inertia of the structures mass than that created from secondary seismic constraints. Considering the subsurface soil conditions and local seismicity, it is estimated that the site has a very low risk associated with the potential for these phenomena to occur; and adversely affect surface improvements. These potential risks are no greater at this site than they are for other structures and improvements developed on the alluvial materials in this vicinity.

Secondary Seismic Constraints

The following list includes other potential seismic related hazards that have been evaluated with respect to the site, but in our opinion, the potential for these seismically related constraints to affect the site is considered negligible.

* Liquefaction
* Dynamic Settlements
* Surface Fault Rupture
* Ground Lurching or Shallow Ground Rupture

Summary:

It is important to keep in perspective that if a seismic event were to occur on any major fault, intense ground shaking could be induced to this general area. Potential damage to any settlement sensitive structures would likely be greatest from the vibrations and impelling force caused by the inertia of the structures mass than that created from secondary seismic constraints. Considering the subsurface soil conditions and local seismicity, it is estimated that the site has a low risk associated with the potential for these phenomena to occur and adversely affect surface improvements. These potential risks are no greater at this site than they are for other structures and improvements developed on the alluvial materials in this vicinity.

RESULTS OF LABORATORY TESTING

Laboratory tests were performed on representative samples of the onsite earth materials in order to evaluate their physical and chemical characteristics. The tests performed and the results obtained are presented in Appendix D.

CONCLUSIONS

Based on our field exploration, laboratory testing and engineering analyses, it is our opinion that the subject site is suited for development from a geotechnical engineering viewpoint. The recommendations presented herein should be incorporated into the final design, grading, and construction phases of development. The engineering analyses performed concerning site preparation and the recommendations presented below, have been completed using the information provided to us regarding site development. In the event that the information concerning proposed development is not correct, the conclusion and recommendations contained in this report shall not be considered valid unless the changes are reviewed, and conclusions of this report are modified or approved in writing by this office.

RECOMMENDATIONS - EARTHWORK CONSTRUCTION

General

All grading should conform to the International Building Code (IBC) and the requirements of the City of Lewiston and Nez Perce County, except where specifically superseded in the text of this report. During earthwork construction, all removals, drain systems, slopes, and the general grading procedures of the contractor should be observed and the fill selectively tested.

If unusual or unexpected conditions are exposed in the field, they should be reviewed by this office and, if warranted, modified and/or additional recommendations will be offered. It is recommended that the earthwork contractor(s) perform their own independent reconnaissance of the site to observe field conditions firsthand. If the contractor(s) should have any questions regarding site conditions, site preparation, or the remedial recommendations provided, they should contact an engineer at GeoTek for any necessary clarifications prior to submitting earthwork bids. All applicable requirements of local and national construction and general industry safety orders, the Occupational Safety and Health Act, and the Construction Safety Act should be met.

Demolition

The following recommendations are provided as guidelines in the event a structure is encountered that are not intended to remain.

1. All existing surface or subsurface structures (not intended to remain), within the area to be developed, should be razed and moved off site.

2. If a septic tank (to be abandoned or below a proposed improvement) is located within the project site, it is recommended that it be pumped out and with few exceptions likely removed. Any leach lines, seepage pits, or other pipes associated with this structure should also be removed or properly abandoned.

3. If any wells are encountered, an attempt should be made to identify the owner and purpose of the well. Well abandonment should adhere to the recommendations provided by the Idaho Department of Water Resources, the Public Health Department, or any other government agencies. If the well is located in the area of a proposed structure, these recommendations should be reviewed by GTI and if warranted, additional geotechnical recommendations will be offered.

Removals/Processing - General

Presented below are removal/processing recommendations for the various soils encountered on the project. Debris, vegetation, clays, and other deleterious material should be stripped/removed from areas proposed for structural improvements.

Based on a review of the exploratory logs and our site reconnaissance, after the artificial fill (upper 24 to 36 inches) and deleterious material are removed a minimum removal/processing depth of 12 inches into alluvial materials should be accomplished across the site (Figures 4 & 5). If the left in place soils can be scarified to encounter a competent layer below; they may be processed in place;

otherwise, they should be removed to competent material. Locally deeper removals/processing may be necessary based on the field conditions exposed. Since much of has been disturbed, it should be anticipated that deeper fills may be encountered onsite.

For support of structures, in cut and shallow fill areas (less than 12 inches), the pads should be provided a minimum 12-inch thick fill blanket for adequate and more uniform support conditions for the proposed structures and improvements (e.g., flatwork, block walls, etc.). Beneath the foundations, the exposed ground surface should be moisture conditioned and compacted a minimum of 12 inches to provide a more uniform foundation support. The limits of excavation should extend a minimum of 12 inches adjacent to strip and spread footings (Figures 4 & 5). The streets should also be provided with a minimum 12-inch thick fill blanket. Processing should extend at least five feet laterally beyond proposed structures and improvements (e.g., flatwork, block walls, etc.). During over-excavation, the exposed ground surface should be moisture conditioned and compacted to generate any near surface settlements.

If very hard cemented materials are encountered during over-excavation, excavation may potentially be terminated, but this will need to be determined on a case-by-case basis by a representative of GTI. Foundations for the proposed structures may be founded on cemented material; however, in order to avoid the potential for differential settlement, the entire foundation would need to be supported entirely on the cemented material. If this is not possible, cemented materials should be removed to a minimum depth of 12 inches below the bottom of the footing and replaced with compacted structural fill. This can best be determined in the field based upon the conditions exposed. Termination of any excavation on cemented soils will need to be reviewed by GTI and the owner.

If existing improvements or property line restrictions limit removals, condition specific recommendations would be provided on a case-by-case basis. During earthwork construction, care should be taken by the contractor so that adverse ground movements or settlements are not generated affecting existing improvements.

Transitional Pads

Transitional pads are defined in this report as pads which are partially cut and partially fill. To mitigate some of the differential settlement which will occur on transitional pads, the cut side should be over-excavated/processed to a minimum depth equal to 2 feet below the bottom of the footings or to the depth of the fill, whichever is less. On transitional pads with more than 7.5 feet of fill, plans need to be reviewed by GTI and site-specific recommendations will be provided.

Excavation Difficulty

We anticipate that the onsite soils can be excavated with conventional earthwork. Seasonal conditions could cause wet soil conditions to occur onsite. Depending on the depth of cuts, it should be expected that special excavation and fill placement measures may be necessary. Wet materials should be spread out and air-dried or mixed with drier soils to reduce their moisture content to the appropriate level for fill placement. Frozen soils, if encountered, should be removed and allowed to thaw prior to any fill placement or construction. Removal bottoms should be checked by a representative of GTI to see if deeper removals are necessary.

Fill Placement

Subsequent to completing removals/processing and ground preparation, the excavated onsite and/or imported soils may be placed in relatively thin lifts (less than 8 inches thick), cleaned of vegetation and debris, brought to at least optimum moisture content, and compacted to a minimum relative compaction of 90 percent of the laboratory standard (ASTM D 1557).

Fill Material

Soils will be imported to the site for earthwork construction purposes. A sample of any intended import material should first be submitted to GTI so that, if necessary, additional laboratory or chemical testing can be performed to verify that the intended import material is compatible with onsite soils. In general, structural fill material should be within the following minimum guidelines:

On-site Soils

On-site soils may be selectively used as structural fill if they meet the fill requirements presented below. Based on our exploration, most of the soils would be suitable for reuse as structural fill. The existing site soil is expected to be under-optimum moisture content after excavation. Contractors must understand the time and effort required to process fill, remove debris, and moisture condition it (i.e. moisture condition it) to facilitate its reuse as fill. Material should be within the following minimum recommendations:

* Maintain less than 0.1 percent sulfate content.
* Maintain less than 1.0 percent soluble material.
* Maintain a plasticity index of less than 12.0 percent (i.e., low expansive).
* Maintain 100 percent passing the 6-inch screen.

Structural Fill Import Material

Potentially, soils will be imported to the site for earthwork construction purposes. A sample of any intended import material should first be submitted to GTI so that, if necessary, additional laboratory or chemical testing can be performed to verify that the intended import material is compatible with onsite soils. In general, import material should be within the following minimum guidelines:

* Free of organic matter and debris.
* Maintain less than 0.2 percent sulfate content.
* Maintain less than 3.0 percent soluble material.
* Maintain less than 0.02 percent soluble chlorides.
* Maintain less than 0.2 percent sodium sulfate content.
* Maintain a Plasticity Index less than 12 (i.e., low expansive).
* One hundred percent passing the six-inch screen.
* At least seventy-five percent passing a three-inch screen.
* Maintain at least 20 percent retained on No. 4 screen.
* Maintain between 5 and 20 percent passing the #200 screen.

Coarse Structural Fill Material

Coarse granular fill with greater than 30 percent retained above the ¾-inch sieve is too coarse for proctor compaction testing control; therefore, a "method specification" developed during

construction is necessary. This material is suitable for use as Structural Fill provided the requirements of ISPWC Section 202-3 are followed. At a minimum, GTI recommends that a maximum lift thickness of 18-inches uniformly distributed and compacted with a at least 3 passes of a vibratory roller with minimum 30,000 pounds per impact and at least 1,000 vibrations per minute per each 6-inch lift (i.e. for an 18-inch lift a minimum of 9 passes). Rolling requirements may be decreased as the vibratory/grid roller size is increased per the referenced ISPWC section.

Observation and Testing

During earthwork construction, all removal/processing and the general grading procedures should be observed, and the fill selectively tested by a representative(s) of GTI. If unusual or unexpected conditions are exposed in the field, they should be reviewed by GTI and if warranted, modified and/or additional recommendations will be offered.

Ground Water

Ground water was not encountered during our field exploration (to a maximum depth of 30 ft.). We anticipate a perched ground water condition may be encountered during the wetter months near the boundary between the artificial fill and underlying native loess soils as well as potentially in the vicinity of the retention pond near the northeast corner of the Site. Based on site conditions in the future, a transient high ground water condition could develop over a less permeable layer and this condition could generate down gradient seepage. The possible effect these layers could have on this and adjacent sites should be considered and can best be evaluated in the field during grading. If warranted by exposed field conditions, it may be recommended that a drainage system be established to collect and convey any subsurface water to an appropriate location for drainage. Typically, potential areas of seepage are difficult to identify prior to their occurrence; therefore, it is often best to adopt a "wait and see" approach to determine if any seepage conditions do develop, at which time specific recommendation to mitigate an identified condition can be provided.

Earthwork Settlements

Ground settlement should be anticipated due to primary consolidation and secondary compression. The total amount of settlement and time over which it occurs is dependent upon various factors, including material type, depth of fill, depth of removals, initial and final moisture content, and in-place density of subsurface materials. Compacted fills, to the heights anticipated, are not generally prone to excessive settlement. However, some settlement of the left in-place existing fill and alluvium is expected, and the majority of this settlement is anticipated to occur during grading.

RECOMMENDATIONS – FOUNDATIONS

General

Foundation design and construction recommendations are based on preliminary laboratory testing and engineering analysis performed on near surface soils. The proposed foundation systems should be designed and constructed in accordance with the guidelines contained herein and in the International Building Code.

Based on our experience in the area, the soils on site should have a negligible corrosive potential to concrete and metal. Materials selected for construction purposes should be resistant to corrosion.

Where permitted by building code, PVC pipe should be utilized. All concrete should be designed, mixed, placed, finished, and cured in accordance with the guidelines presented by the Portland Cement Association (PCA) and the American Concrete Institute (ACI).

Based on our grading recommendations, the soils beneath the foundations are anticipated to have low expansion potential. Therefore, foundation recommendations for low expansive soil conditions are provided below. If more expansive soils are encountered, the pad(s) will either need to be regraded and the more expansive soils removed by the contractor or increased foundation recommendations will need to be provided.

Conventional Foundation Recommendations

Column loads are anticipated to be 75 kips or less while wall loads are expected to be 5 kips per lineal foot or less. The conventional recommendations provided are from a geotechnical engineering perspective (i.e., for expansive conditions) and are not meant to supersede the design by the project's structural engineer.

Preliminary recommendations for foundation design and construction are presented below. The specific criteria to be used should be verified on evaluation of the proposed buildings, structural loads, and expansion and chemical testing performed after grading is complete.

Control of surface water infiltration and ground infiltration from other water sources, such as utilities and landscape irrigation, is critical to reduce the potential for adverse settlement of the soils underlying the site. An increase in water content could result in unanticipated ground settlements that may manifest at the ground surface. Ground settlements, due to changes in water content, may be develop gradually or suddenly. Methods to reduce the risk of adverse settlement include stiffening of the ground surface with a heavy compactor and overexcavation under shallow foundations.

The bearing values indicated are for the total dead plus frequently applied live loads and may be increased by one third for short duration loading which includes the effects of wind or seismic forces. When combining passive pressure and friction for lateral resistance, the passive component should be reduced by one third. A grade beam, reinforced as below and at least 12 inches wide, should be utilized across all large entrances. The base of the grade beam should be at the same elevation as the bottom of the adjacent footings. Footings should be founded at a minimum depth of 24 inches below lowest adjacent ground surface as required by local codes to extend below the frost line. Footings must bear on a minimum of at least 12-inches of structural fill. Reinforcement for spread footings should be designed by the project's structural engineer.

Footing Type	Minimum Structural Fill Depth Below Footing Bottom (inches)	Minimum Footing Depth (inches)	Allowable Bearing Pressure (psf)	Coefficient of Friction	Passive Earth Pressure (psf/ft)	Maximum Earth Pressure (psf)
Strip or Spread on Completely Removed Uncontrolled Fill	12	24	2,000	0.35	250	3,000

The coefficient of friction and passive earth pressure values recommended are working values. Strip footings should have a minimum width of one foot and spread footings should have a minimum soil to concrete area of four-square feet. Increases are allowed for the bearing capacity of the footings at a rate of 250 pounds per square foot for each additional foot of width and 250 pounds per square foot for each additional foot of depth into the recommended bearing material, up to a maximum outlined. If the bearing value exceeds 3,000 psf, an additional review by GTI is recommended.

If the grading recommendations presented in this report are complied with, proposed concrete floor slabs may be supported on a 6-inch layer of compacted ¾-inch aggregate base material. A structural engineer should evaluate the proposed loading and determine the slab thickness, concrete strength, and the locations and size of the reinforcing steel.

Modulus of subgrade reaction (k) may be used in the design of the floor slab supporting heavy truck traffic, forklifts, machine foundations, and heavy storage areas. Based on typical R-value test results and the interrelationships published by the Portland Cement Association for "R"-Value (resistance value) vs Modulus of Subgrade Reaction, an approximate k-value (modulus of subgrade reaction) of 150 pounds per square inch per inch may be utilized for slab design.

It is recommended that a plastic water vapor retarder be utilized below the slab. The vapor retarder should conform to the specifications presented in ASTM E1745-97 and should be placed as described in ASTM E1643-18A and the Guide for Concrete Floor and Slab Construction, published by the American Concrete Institute (ACI 302.1R-15).

A minimum ten-mil thick vapor retarder should be placed on a minimum 6-inch thick layer of aggregate base material and a 2-inch layer of select sand should be placed over the vapor retarder. The vapor retarder should be lapped adequately to provide a continuous protection under the entire slab.

Prior to the placement of concrete, moisture should be added to the subgrade soils to minimize water loss of the concrete during placement and curing.

Foundation Settlement

Provided that the recommendations contained in this report are incorporated into final design and construction phase of development, total settlement is estimated to be less than one inch and differential settlement is estimated to be less than 0.75 inches for a 25-foot span. Two-way angular distortions due to settlements are not estimated to exceed 1/400. The structures should be loaded uniformly so as to avoid any localized settlements.

Retaining and Block Walls

The design parameters provided below assume that low expansive soils are used to backfill any retaining walls. If expansive soils are used to backfill the walls, increased active and at-rest earth pressures will need to be utilized for design. Building walls, below grade, should be waterproofed or damp-proofed, depending on the degree of moisture protection desired.

Design

1. Preliminary analysis indicates that an allowable bearing value of 2,000 pounds per square foot may be used for design of footings which maintain a minimum width of 12 inches and a minimum depth of at least 24 inches into the properly compacted fill or processed and compacted alluvial materials. The bearing value may be increased by one-third for seismic or other temporary loads. A bearing value increase of 250 psf is allowed for each additional foot of width and/or an increase of 500 psf for each additional foot of depth up to a maximum bearing value of 3,000 psf without additional review.

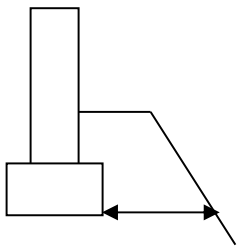
2. For lateral sliding resistance, a 0.30 coefficient of friction may be utilized for a concrete to soil contact when multiplied by the dead load.

3. Passive earth pressure may be computed as an equivalent fluid having a density of 175 pounds per square foot per foot of depth with a maximum earth pressure of 3,000 pounds per square foot. However, for block and retaining walls within 5 feet of descending slopes, passive earth pressures should be considered negligible without further review by GeoTek.

4. When combining passive pressure and frictional resistance, the passive pressure component should be reduced by one-third.

5. GeoTek recommends the following with regards to horizontal set back of block and retaining wall footings. The recommendations are minimums and do not account for erosion, therefore, slopes should be maintained. For block or retaining walls near slopes, the horizontal set back measured from the outside edge of the block or retaining wall footing to any adjacent descending slope face should follow the table shown below:

Descending Slope Height	Minimum Horizontal Setback
Up to 5 feet high	2' 8"
Greater than 5 feet and up to 8 feet high	3' 8"
Greater than 8 feet and up to 10 feet high	4' 8"



Wall Foundation Construction

The following table contains preliminary foundation design and construction recommendations for walls that are constructed on low expansive soils. Footings should be founded at a minimum depth of 24 inches below the lowest adjacent grade.

EXPANSIVE NATURE OF SOIL	MINIMUM FOOTING DEPTH (1)	
	Retaining Walls (w/ min. 2 ft. retained)	Block Walls
LOW	24 inches	24 inches

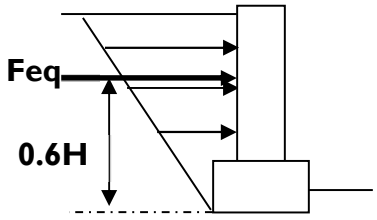
(1) denotes that depth should be measured from the lowest adjacent grade

All walls should be reinforced per the design of the structural engineer. GeoTek projects that the graded condition of the lots will be low expansive. The structural engineer should consider this in their design for reinforcing and control joint spacing. The walls should use both vertical and horizontal reinforcement and be designed to resist the effects a two-way 1/400 angular distortion would impart on a wall. Prior to pouring concrete, the subgrade soils should be lightly moisture conditioned to prevent loss of water during pouring and curing of the concrete.

Restrained Walls

Any retaining walls that will be restrained prior to placing and compacting backfill material or that have reentrant or male corners, should be designed for an at-rest equivalent fluid pressure of 65 pcf, plus any applicable surcharge loading. For areas of male or re-entrant corners, the restrained wall design should extend a minimum distance of twice the height of the wall laterally from the corner.

Additional lateral forces can be induced on restrained walls during an earthquake. If required by the IBC, the structural engineer should consider this in their design and the minimum earthquake-induced force (F_{eq}) should be incorporated into design (lbs/linear foot of wall). This force can be assumed to act at a distance of 0.6H above the base of the wall, where "H" is the height of the retaining wall measured from the base of the footing (in feet). Refer to the diagram below for the graphical representation of the lateral seismic earth pressures.



Cantilevered Walls

The recommendations presented below are for cantilevered retaining walls up to 10 feet high. Active earth pressure may be used for retaining wall design, provided the top of the wall is not restrained from minor deflections. An equivalent fluid pressure approach may be used to compute the horizontal pressure against the wall. Appropriate fluid unit weights are given below for specific slope gradients of the retained material. These do not include other superimposed loading conditions such as traffic, structures, seismic events, or adverse geologic conditions.

Surface Slope of Retained Material (H:V)	Equivalent Fluid Weight (P.C.F.)
Level	40
3 to 1	50
2 to 1	65

Additional lateral forces can be induced on restrained walls during an earthquake. If required by the IBC, the structural engineer should consider this in their design and the minimum earthquake-induced force (F_{eq}) should be incorporated into design (lbs/linear foot of wall). This force can be assumed to act at a distance of 0.6H above the base of the wall, where "H" is the height of the retaining wall measured from the base of the footing (in feet).

Expected Wall Movements

A retaining wall has to translate laterally to reach full passive pressure/resistance. At 0.5% strain, ½ the passive pressure is mobilized, and at 2% strain the full passive pressure is mobilized. For a 12-inch embedment this can be 0.25 inches.

In addition, wall rotation is expected to reach an active design state. This rotation, at a minimum, needs to undergo 0.5% strain and walls are often considered to rotate between 0.005 to 0.02 times their height, dependent upon the soil condition, with no adverse effects expected. In the undersigned opinion, a value of 0.01 times the height of the wall is a maximum rotation that should typically be expected. For a 10-foot-high wall this amounts to 1.2 inches of movement that can occur at the top of the wall. Walls should be expected to translate/move/rotate quite a bit, and the higher the wall the more movement that should be expected.

Wall Backfill and Drainage

All retaining walls should be provided with an adequate backdrain and outlet system (a minimum 1 outlet per 10 feet of wall) to prevent buildup of hydrostatic pressures and be designed in accordance with minimum standards presented herein. Gravel used in backdrain systems should be a minimum of 12 inches of 3/4 to 1-1/2-inch clean crushed rock wrapped in filter fabric that extends to within 18 inches of the surface. The surface of the backfill should be sealed by pavement or the top 18 inches compacted with native low permeability soil. Proper surface drainage should also be provided. Manufactured alternatives to a gravel backdrain system are available but should be reviewed by GeoTek prior to installation.

PAVEMENT SECTIONS

On-site pavements at the project will consist of on-site parking and drive areas for automobiles and light trucks. The subgrade conditions, assumed traffic volume, and pavement material properties were evaluated to develop the on-site pavement sections recommended below.

The traffic volume, loading conditions, vehicle type, and traffic patterns were not provided to us at the time of this report. Therefore, we have made some assumptions on the anticipated traffic loading for the proposed pavements at the site.

Pavement Construction and Maintenance

All section changes should be properly transitioned. If adverse conditions are encountered during the preparation of subgrade materials, special construction methods may need to be employed. All subgrade materials should be processed to a minimum depth of 12 inches and compacted to a minimum relative compaction of 90 percent near optimum moisture content. All aggregate base should be compacted to a minimum relative compaction of 95 percent at optimum moisture content. The recommended pavement sections provided are meant as minimums. If thinner or highly variable pavement sections are constructed, increased maintenance and repair should be expected. If the ADT (average daily traffic) or ADTT (average daily truck traffic) increases beyond that intended, as reflected by the traffic index(s) used for design, increased maintenance and repair could be required for the pavement section.

Positive site drainage should be maintained at all times. Water should not be allowed to pond or seep into the ground. If planters or landscaping are adjacent to paved areas, measures should be taken to minimize the potential for water to enter the pavement section.

On-Site Traffic

Traffic loading and patterns were not provided. The volume and axle loading for the anticipated vehicles was not available. Two types of pavement sections are provided in this report: Automobile Parking and Drive Lanes. The 18-kip equivalent single axle loads (ESALs) per day are presented in the following Table. The provided pavement sections are based on the above assumptions, if more accurate traffic information becomes available, our office should be contacted so that revisions to the pavement sections and be provided if necessary.

Pavement Area	ESALs/Day	20 Year ESAL
Automobile Parking	1	7,300
Heavy Duty	3	21,900

Design Recommendations

The procedures outlined in the ASSHTO Guide for Design of Pavement Structures, 1993 were used to evaluate the ESALs and pavement section design for the project. Other design methods such as the Asphalt Institutes, Asphalt Pavements for Highways and Streets, Manual Series No. 1 (MS-1) and the procedures outlined in the National Asphalt Pavement Association, Design of Hot Mix Asphalt Pavements, for Commercial, Industrial, and Residential Areas., Information Series 109 could be referred to for sections thickness design recommendations.

AASHTO design parameters used in determining the required structural capacity of the AC pavements included:

Reliability	85 %
Initial Serviceability	4.5
Terminal Serviceability	2.0
Standard Deviation	0.45
Layer Coefficients	
Asphalt Concrete	0.44
Aggregate Base	0.12
Drainage coefficients	1.0

A subgrade resilient modulus of 4,500 pounds per square inch was used, corresponding to the upper 12 inches of subgrade having an R-value of 18. The R-value-subgrade resilient modulus correlation used in design is derived from the following equation:

$$MR = 145*(10^{((0.0147*R)+1.23)})$$

On-Site Asphalt Concrete Pavement Sections

Based on the assumed traffic volumes and the information outlined above, the pavement sections presented in the following Table are recommend for on-site paved areas. If the traffic loading is higher than those assumed, additional thickness may be required to attain the same design life.

ASSUMED TRAFFIC RIGHT-OF-AWAY	SUBGRADE R-VALUE	MINIMUM ASPHALT CONCRETE THICKNESS (in.)	MINIMUM AGGREGATE THICKNESS (in.)	
			Aggregate Base* (3/4" minus)	Subbase* (Uncrushed Aggregate)
Parking and Drives No Truck Access TI = 5.0	18	2.5	4.0	7.0
Truck Access TI = 8.0	18	3.0	6.0	13.0
Heavy Truck Access TI = 10.0	18	4.0	8.0	15.0

*Aggregate Base and Subbase gradation specification requirement per the current edition of the Idaho Standards for Public Works Construction (ISPWC) Manual. Asphalt mix design shall meet the requirements of ISPWC, Section 810 Class III Plant mix. Materials shall be placed in accordance with ISPWC Standard Specifications for Highway Construction.

On-Site Portland Cement Concrete Pavement Sections

ASSUMED TRAFFIC RIGHT-OF-AWAY	SUBGRADE R-VALUE	MINIMUM CONCRETE THICKNESS (in.)	MINIMUM AGGREGATE THICKNESS (in.)	
			Aggregate Base (3/4" minus)	Subbase* (Uncrushed Aggregate)
Parking and Drives No Truck Access TI = 5.0	18	6.5	6.0	11.5
Truck Access TI = 8.0	18	8.0	6.0	10.0
Heavy Truck Access TI = 10.0	18	8.5	6.0	9.5

*Aggregate Base and Subbase gradation specification requirement per the current edition of the Idaho Standards for Public Works Construction (ISPWC) Manual. Materials shall be placed in accordance with ISPWC Standard Specifications for Highway Construction.

The following criteria for the Portland Cement Concrete pavement section should also be incorporated into site design.

1. The concrete should have a minimum specified compressive strength (f'c) of 5,000 psi and a maximum water-cementitious materials ratio of 0.45. All concrete should be designed, mixed, placed, finished, and cured in accordance with the guidelines presented by the Portland Cement Association (PCA), the American Concrete Institute (ACI), and the International Building Code (IBC).

2. No traffic should be allowed upon the newly poured concrete slabs for a minimum of 7 days after placing. This time period is critical as it gives the concrete time to cure and gain strength.

3. Perimeter edges of the concrete should be thickened, as appropriate.

4. Longitudinal and transverse joints should be utilized to control cracking. Longitudinal and transverse control joints should be placed on approximately 11 to 15-foot centers. These control joints can be constructed by using expansion joint material and pouring each section separately or by saw cutting the slabs to a minimum depth of one-fourth the slab thickness. Other methods for appropriately providing control joints may also be utilized. All joints should be properly sealed.

5. The recommended pavement sections provided are meant as minimums. If thinner or highly variable pavement sections are constructed, increased maintenance and repair should be expected. If the ADT (average daily traffic) or ADTT (average daily truck traffic) increases beyond that intended, as reflected by the traffic index(s) used for design, increased maintenance and repair could be required for the pavement section.

6. Trash Enclosures should be provided with a reinforced PCC section that is a minimum 8.0 inches thick.

OTHER RECOMMENDATIONS

Site Improvements

As is commonly known, expansive soils are problematic with respect to the design, construction and long-term performance of concrete flatwork. Due to the nature of concrete flatwork, it is essentially impossible to totally mitigate the effects of soil expansion. Typical measures to control soil expansion for structures include; low expansive soil caps, deepened foundation system, increased structural design, and soil presaturation. As they are generally not cost effective, these measures are very seldom utilized for flatwork because it's less costly to simply replace any damaged or distressed sections than to "structurally" design them. Even if "structural" design parameters are applied to flatwork construction, there would still be relative movements between adjoining types of structures and other improvements (e.g., curb and sidewalk). This is particularly true as the level of care during construction of flatwork is often not as meticulous as that for structures. Unfortunately, it is fairly common practice for flatwork to be poured on subgrade soils, which have been allowed to dry out since site grading. Generally, after flatwork construction is completed, landscape irrigation begins, utility lines are pressurized, and drainage systems are utilized; presenting the potential for water to enter the dry subgrade soils, causing the soil to expand.

Recommendations for exterior concrete flatwork design and construction can be provided upon request. If, in the future, any additional improvements are planned for the site, recommendations concerning the geological or geotechnical aspects of design and construction of said improvements could be provided upon request. This office should be notified in advance of any fill placement, grading, or trench backfilling after rough grading has been completed. This includes any grading, utility trench and retaining wall backfills.

Landscape Maintenance and Planting

Water has been shown to weaken the inherent strength of all earth materials. Slope stability is significantly reduced by overly wet conditions. Graded slopes constructed within and utilizing onsite materials would be erosive. Eroded debris may be minimized and surficial slope stability enhanced by establishing and maintaining a suitable vegetation cover as soon as possible after construction. Compaction to the face of fill slopes would tend to minimize short-term erosion until vegetation is established. Plants selected for landscaping should be lightweight, deep-rooted types, which require little water and are capable of surviving the prevailing climate. From a geotechnical standpoint leaching is not recommended for establishing landscaping. If the surface soils are processed for the purpose of adding amendments, they should be recompacted to 90 percent compaction. Only the amount of irrigation necessary to sustain plant life should be provided. Over watering the landscape areas could adversely affect proposed site improvements. We recommend that any proposed open bottom planter areas adjacent to proposed structures, be eliminated for a minimum distance of 5 feet and desert landscape using xeriscape technology be used outside of this buffer zone. As an alternative, closed bottom type planters could be utilized. An outlet, placed in the bottom of the planter, could be installed to direct drainage away from structures or any exterior concrete flatwork. Irrigation timers should be adjusted on a monthly basis.

Soil Corrosion

Based on our experience in the area, the soils onsite should have a negligible corrosive potential to concrete and metal, materials selected for construction purposes should be resistant to corrosion. Where permitted by building code PVC pipe should be utilized. All concrete should be designed, mixed, placed, finished, and cured in accordance with the guidelines presented by the Portland Cement Association (PCA) and the American Concrete Institute (ACI).

Trench Excavation

All footing trench excavations should be observed by a representative of this office prior to placing reinforcement. Footing trench spoil and any excess soils generated from utility trench excavations should be compacted to a minimum relative compaction of 90 percent if not removed from the site. Considering the nature of the onsite soils, it should be anticipated that caving or sloughing could be a factor in excavations. Shoring or excavating the trench walls and slopes to the angle of repose (typically 25 to 45 degrees) may be necessary and should be anticipated in non-cemented soils. All excavations should be observed by one of our representatives and conform to national and local safety codes.

Onsite Utility Trench Backfill

Considering the overall nature of the soil encountered onsite, it should be anticipated that materials will need to be imported to the site for use as pipe bedding and pipe zone material. All utility trench backfill should be brought to near optimum moisture content and then compacted to obtain a minimum relative compaction of 90 percent of the laboratory standard. Compaction testing and observation, along with probing, should be performed to verify the desired results. Sand backfill, unless excavated from the trench, should not be used adjacent to perimeter footings or in trenches on slopes. Compaction testing and observation, along with probing, should be performed to verify the desired results. Offsite utility trenches should be compacted to a minimum of 90 relative compaction. Compaction testing and observation, along with probing, should be performed to verify the desired results.

Drainage

Positive site drainage should be maintained at all times in accordance with the IBC. Drainage should not flow uncontrolled down any descending slope. Water should be directed away from foundations and not allowed to pond and/or seep into the ground. Pad drainage should be directed toward the street or other approved area. The ground immediately adjacent to the foundation shall be sloped away from the building at a minimum of 5-percent for a minimum distance of 10 feet measured perpendicularly to the face of the wall. If physical obstructions prohibit 10 feet of horizontal distance, a 5-percent slope shall be provided to an approved alternate method of diverting water away from the foundation. Swales used for this purpose shall be sloped a minimum of 2-percent where located within 10 feet of the building foundation. Impervious surfaces within 10 feet of the building foundation shall be sloped a minimum of 2-percent away from the building. Roof gutters and down spouts should be utilized to control roof drainage. Down spouts should outlet onto paved areas or a minimum of five feet from proposed structures or into a subsurface drainage system. Areas of seepage may develop due to irrigation or heavy rainfall. Minimizing irrigation will lessen this potential. If areas of seepage develop, recommendations for minimizing this effect could be provided upon request.

PLAN REVIEW

Final grading, foundation, and improvement plans should be submitted to this office for review and comment as they become available, to minimize any misunderstandings between the plans and recommendations presented herein. In addition, foundation excavations and earthwork construction performed on the site should be observed and tested by this office. If conditions are found to differ substantially from those stated, appropriate recommendations would be offered at that time.

LIMITATIONS

The materials encountered on the project site and utilized in our laboratory study are believed representative of the area; however, soil materials vary in character between excavations and conditions exposed during mass grading. Site conditions may vary due to seasonal changes or other factors. GeoTek, Inc. assumes no responsibility or liability for work, testing, or recommendations performed or provided by others. Since our study is based upon the site materials observed, selective laboratory testing and engineering analysis, the conclusions and recommendations are professional opinions. These opinions have been derived in accordance with current standards of practice and no warranty is expressed or implied. Standards of practice are subject to change with time.

The opportunity to be of service is greatly appreciated. If you have any questions concerning this report or if we may be of further assistance, please do not hesitate to contact the undersigned.

Respectfully submitted,
GeoTek, Inc.





Josh Krause, EI
Staff Professional

Luke J. Landriani, PE
Senior Engineer



★ **APPROXIMATE SITE LOCATION**

N

Source: Google Maps, 2021. GeoTek Field Observations, 2021.
Not to Scale

GEOTEK
GEOTECHNICAL | ENVIRONMENTAL | MATERIALS
320 E. Corporate Dr, Suite 300, Meridian, ID 83642
(208) 888-7010 (phone) / (208) 888-7924 (FAX)

FIGURE 1
SITE VICINITY MAP
Lewiston Veterans Home Addition
821 21st Avenue
Lewiston, Idaho
Prepared for: Idaho Division of Public Works

Project No.:	Report Date:	Drawn By:
2385-ID	December 2021	JJK



APPROXIMATE BORING LOCATIONS

PROPOSED BUILDING ADDITION

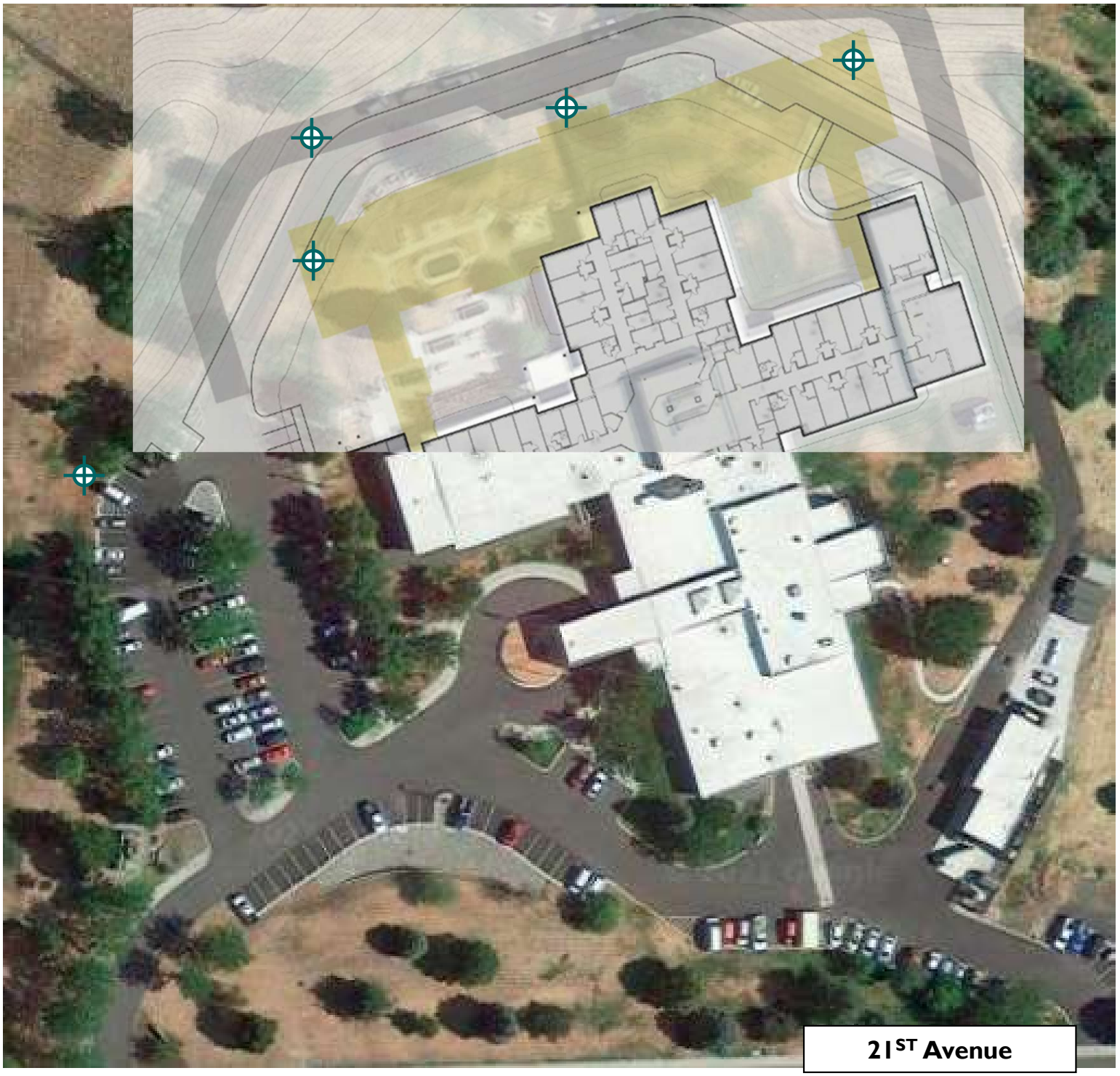
N

Source: Google Earth, 2021. GeoTek Field Observations, 2021.
Not to Scale

GEOTEK
GEOTECHNICAL | ENVIRONMENTAL | MATERIALS
320 E. Corporate Dr, Suite 300, Meridian, ID 83642
(208) 888-7010 (phone) / (208) 888-7924 (FAX)

FIGURE 2
SITE EXPLORATION PLAN
Lewiston Veterans Home Addition
821 21st Avenue
Lewiston, Idaho
Prepared for: Idaho Division of Public Works

Project No.:	Report Date:	Drawn By:
2385-ID	December 2021	JJK



APPROXIMATE BORING LOCATIONS

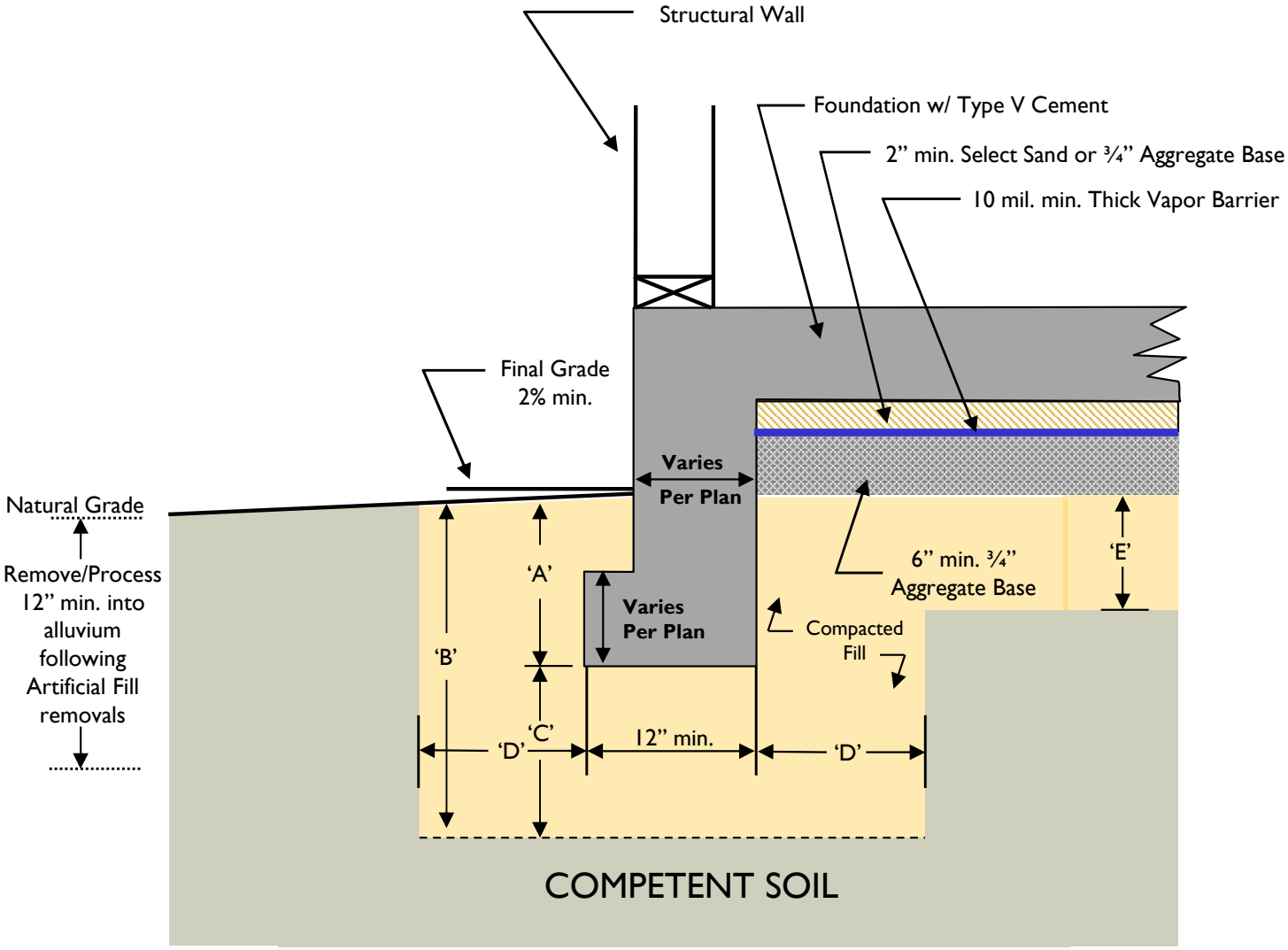
N

Source: Google Earth, 2021. GeoTek Field Observations, 2021.
Not to Scale

GEOTEK
GEOTECHNICAL | ENVIRONMENTAL | MATERIALS
320 E. Corporate Dr, Suite 300, Meridian, ID 83642
(208) 888-7010 (phone) / (208) 888-7924 (FAX)

FIGURE 3
SITE PLAN
Lewiston Veterans Home Addition
821 21st Avenue
Lewiston, Idaho
Prepared for: Idaho Division of Public Works

Project No.:	Report Date:	Drawn By:
2385-ID	December 2021	JJK



'A' – 24" min. Depth of Footing
'B' – 36" min. Fill Blanket
'C' – 12" min. Compacted Fill Below Footing
'D' – 12" min. Compacted Fill Adjacent to Footing
'E' – 12" min. Compacted Fill Under Slab

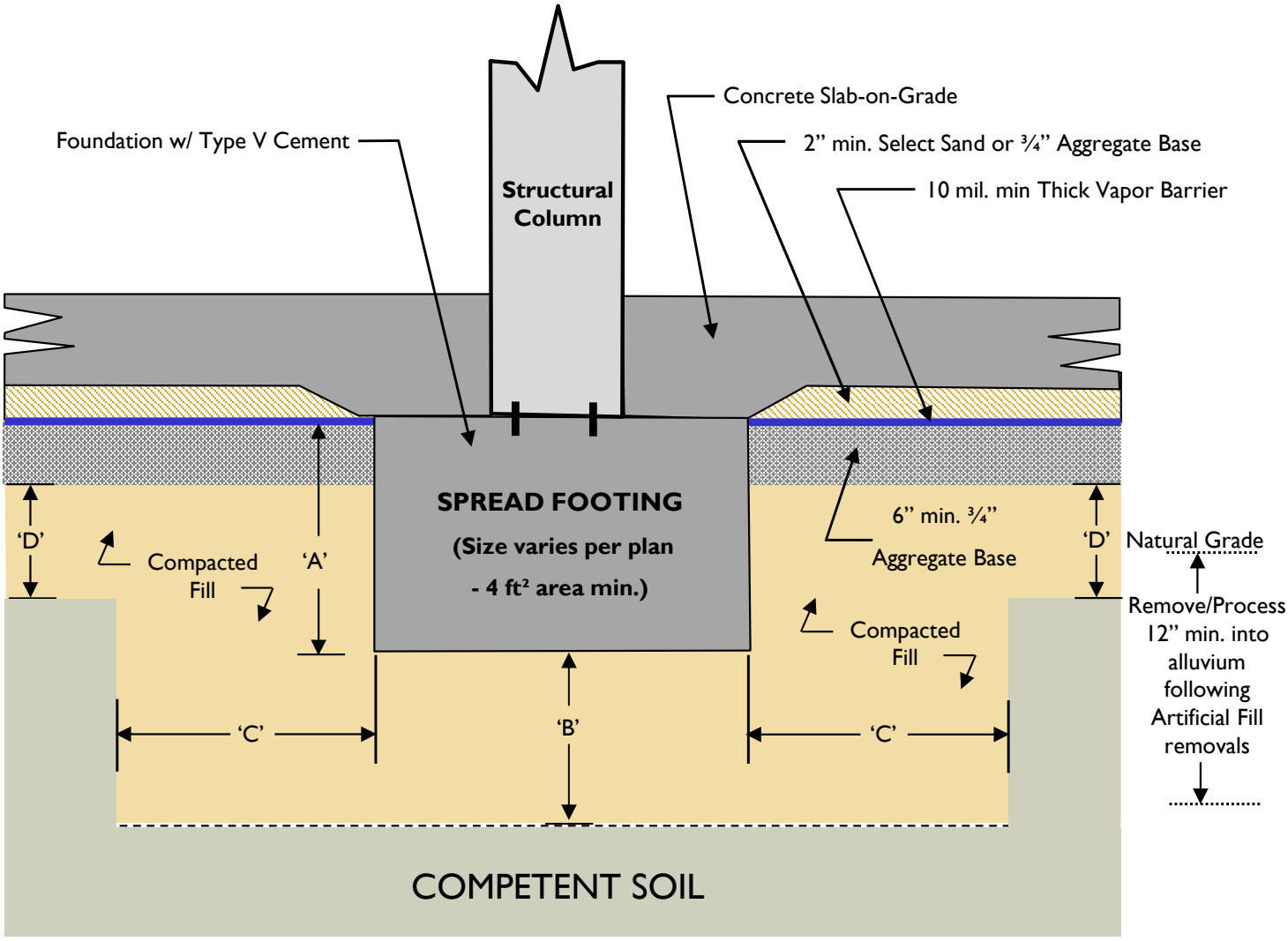
Note: Concrete Slab shown is a "typical" detail only. Actual shape and dimensions to be designed by structural engineer and detailed in the project plans. The purpose of this detail is to show minimum footing depth, width, loose soil processing depths, and fill blanket thickness.

NOT TO SCALE

GEOTEK
GEOTECHNICAL | ENVIRONMENTAL | MATERIALS
320 E. Corporate Dr, Suite 300, Meridian, ID 83642
(208) 888-7010 (phone) / (208) 888-7924 (FAX)

FIGURE 4
STRIP FOOTING OVER-EXCAVATION & FILL BLANKET
Lewiston Veterans Home Addition
821 21st Avenue
Lewiston, Idaho
Prepared for: Idaho Division of Public Works

Project No.:	Report Date:	Drawn By:
2385-ID	December 2021	LJL



'A' – 24" min. Depth of Footing
'B' – 12" min. Compacted Fill Below Footing
'C' – 12" min. Compacted Fill Adjacent to Footing
'D' – 12" min. Compacted Fill Under Slab

Note: Concrete Slab shown is a "typical" detail only. Actual shape and dimensions to be designed by structural engineer and detailed in the project plans. The purpose of this detail is to show minimum footing depth, width, loose soil processing depths, and fill blanket thickness.

NOT TO SCALE

GEOTEK
GEOTECHNICAL | ENVIRONMENTAL | MATERIALS
320 E. Corporate Dr, Suite 300, Meridian, ID 83642
(208) 888-7010 (phone) / (208) 888-7924 (FAX)

FIGURE 5
SPREAD FOOTING OVER-EXCAVATION & FILL BLANKET
Lewiston Veterans Home Addition
821 21st Avenue
Lewiston, Idaho
Prepared for: Idaho Division of Public Works

Project No.:	Report Date:	Drawn By:
2385-ID	December 2021	LJL

APPENDIX A

REFERENCES

ASTM, 200, "Soil and Rock: American Society for Testing and Materials," vol. 4.08 for ASTM test methods D-420 to D-4914, 153 standards, 1,026 pages; and vol. 4.09 for ASTM test method D-4943 to highest number.

Baldwin, Joe, and others, 2005, Isotopic Age Dating of Municipal Water Wells in the Lewiston Basin, Idaho, Idaho Department of Environmental Quality Lewiston Regional Office

Day, Robert W., 1999, Geotechnical and Foundation Engineering – Design and Construction

Day, Robert W., 2002, Geotechnical Earthquake Engineering Handbook

Garwood, Dean L., and others. 2005, Geological Map of the Lewiston Orchards North Quadrangle and Part of the Clarkston Quadrangle, Nez Perce County, Idaho, Idaho Geological Survey.

GeoTek, Inc., In-house proprietary information.

Idaho Department of Water Resources, Well Information, Well Driller Reports, 2015

Idaho Transportation Department CD-ROM Publications

IGS, 2021, Columbia River Basalt Group, Idaho Geological Survey

Johnson, Bruce R. and Raines, Gary L., 1995, Digital representation of the Idaho state geologic map: a contribution to the Interior Columbia Basin Ecosystem Management Project. USGS Open-File Report 95-690

Stevens, Gary R., February 1994, Evaluation of the Groundwater Resources within the Lewiston Basin, M.S. Thesis, University of Idaho, Moscow, Idaho

USGS, 2003, Seismic Hazard Map of Idaho, Peak Acceleration (%g) with 2% Probability of Exceedance in 50 years.

USGS, 2021, Cascades Volcano Observatory – Columbia River Basalt Group Stretches from Oregon to Idaho, United States Geological Survey

APPENDIX B

LOG GENERAL NOTES

CONSISTENCY OF FINE-GRAINED SOILS		
Unconfined Compressive Strength, Qu, psf	**Standard Penetration or N-Value (SS) Blows/Ft**	**Consistency**
< 500	<2	Very Soft
500 - 1,000	2 - 3	Soft
1,001 - 2,000	4 - 7	Firm
2,001 - 4,000	8 - 16	Stiff
4,001 - 8,000	17 - 32	Very Stiff
> 8,001	32+	Hard

RELATIVE DENSITY OF COARSE-GRAINED SOILS	
Standard Penetration (SPT) or N-Value (SS) Blows/Ft	**Relative Density**
0 - 3	Very Loose
4 - 9	Loose
10 - 29	Medium Dense
30 - 49	Dense
50+	Very Dense

SPT penetration test using 140 pound hammer, with 30 inch free fall on 2 inch outside diameter(1-3/8 ID) sampler
For ring sampler using 140 lb hammer, with a 30 inch free fall on 3 inch outside diameter (2-1/2 ID) sample,
use N-value x 0.7 to get Standard N-value
For fine grained soil consistency, thumb penetration used per ASTM D-2488

RELATIVE PROPORTIONS OF SAND & GRAVEL	
Descriptive Term of other constituents	**Percent of Dry Weight**
Trace	< 15
With	15 - 29
Modifier	> 30

GRAIN SIZE TERMINOLOGY	
Major Component of Sample	**Particle Size**
Boulders	Over 12 inches
Cobbles	3 inches to 12 inches
Gravel	#4 Sieve to 3 inches
Sand	#200 Sieve to #4 Sieve
Silt or Clay	Passing #200 Sieve

RELATIVE HARDNESS OF CEMENTED SOILS (CALICHE)	
Description	**General Characteristics**
Very Dense to Moderately Hard	Partially Cemented Granular Soil - Can be carved with a knife and broken with force by hand.
Very Stiff to Moderately Hard	Partially Cemented Fine-Grained Soil - Can be carved with a knife and broken with force by hand.
Moderately Hard	Moderate hammer blow required to break a sample
Hard	Heavy hammer blow required to break a sample
Very Hard	Repeated heavy hammer blow required to break a sample

LOG LEGEND

MATERIAL DESCRIPTION		
Soil Pattern	**USCS Symbol**	**USCS Classification**
	FILL	Artificial Fill
	GP or GW	Poorly/Well graded GRAVEL
	GM	Silty GRAVEL
	GC	Clayey GRAVEL
	GP-GM or GW-GM	Poorly/Well graded GRAVEL with Silt
	GP-GC or GW-GC	Poorly/Well graded GRAVEL with Clay
	SP or SW	Poorly/Well graded SAND
	SM	Silty SAND
	SC	Clayey SAND
	SP-SM or SW-SM	Poorly/Well graded SAND with Silt
	SP-SC or SW-SC	Poorly/Well graded SAND with Clay
	SC-SM	Silty Clayey SAND
	ML	SILT
	MH	Elastic SILT
	CL-ML	Silty CLAY
	CL	Lean CLAY
	CH	Fat CLAY
	PCEM	PARTIALLY CEMENTED
	CEM	CEMENTED
	BDR	BEDROCK

SAMPLING	
	SPT
	Ring Sample
NR	No Recovery
	Bulk Sample
	Water Table

CONSISTENCY					
Cohesionless Soils		**Cohesive Soils**		**Cementation**	
VL	Very Loose	So	Soft	MH	Moderately Hard
L	Loose	F	Firm	H	Hard
MD	Medium Dense	S	Stiff	VH	Very Hard
D	Dense	VS	Very Stiff		
VD	Very Dense				

BORING LOG

GEOTEK

PROJECT #: 2385-ID
PROJECT: DPW 2022602 - Lewiston Veterans Home Addition
CLIENT: Idaho Division of Public Works
LOCATION: 821 21st. Avenue, Lewiston, Idaho

LOGGED BY: JJK, LJL
METHOD: Hollow-Stem Auger
DRILLER: Geowest Drilling
DATE: 11/18/21
ELEVATION: ~940 feet

BORING NUMBER: B-1

Depth (ft)	Sample Type	Blows / 6 in.	Soil Pattern	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Consistency	REMARKS
1				FILL	Dk. Brown, Silty SAND, Slightly Moist	L	Grass Landscaping
2							
3		3					
3		1		GC	Lt. Brown, Clayey GRAVEL with sand, Slightly Moist	L	
4		2					
5							Perc pipe installed adjacent @ 4ft.
6	NR			SM	Lt. Brown, Silty SAND with trace basalt gravel, Slightly Moist		
7							
8		24				D	
9		23					
10		26					
11		14			Tan Silty SAND with trace 3/8" gravel		
12		17					
13		23					
14							
15		13			Slightly more sand		
16		15					
17		19					
18							
19					more gravel		
20		18		GM	Tan, Silty GRAVEL with sand	D	
21		16					
22		27					
23							
24							
25		50/3"		SP	Tan to Light Brown, Poorly Graded SAND, Slightly Moist	VD	
26	NR						
27							
28							
29							
30		50/5"			Tan to Light Brown, Poorly Graded SAND with gravels, Slightly Moist		
31	NR						

END OF BORING @ 31.5'
NO GROUNDWATER ENCOUNTERED

BORING LOG

GEOTEK

PROJECT #: 2385-ID
PROJECT: DPW 2022602 - Lewiston Veterans Home Addition
CLIENT: Idaho Division of Public Works
LOCATION: 821 21st. Avenue, Lewiston, Idaho

LOGGED BY: JJK, LJL
METHOD: Hollow-Stem Auger
DRILLER: Geowest Drilling
DATE: 11/18/21
ELEVATION: ~940 feet

BORING NUMBER: B-2

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows / 6 in.	Soil Pattern	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Consistency	REMARKS
1				FILL	Dk. Brown, Silty SAND, Slightly Moist to Moist	L	Grass Landscaping and organics
2							
3		11					
3		10		GC	Lt. Brown, Clayey GRAVEL with Sand, Slightly Moist	MD	
4		8					
5		5		SM	Brown, Silty SAND, Moist	MD	
6		6					
7		9					
8		14		SP	Brown, Poorly graded SAND with basalt gravels, Moist	VD	
9	NR	50/3"					
10		9		SM	Lt. Brown, Silty SAND with gravel, Moist to Saturated	VD	Slight Perched Water Present
11		32					
12		19					
13							
14							
15		19			Dark Brown, Silty SAND, Slightly Moist	MD	
16		15					
17		13					
18							
19							
20		8		SP	Gray to Brown, Poorly graded SAND, Slightly Moist	MD	
21		8					
		10					

END OF BORING @ 21.5'
NO GROUNDWATER ENCOUNTERED

BORING LOG

GEOTEK

PROJECT #: 2385-ID
PROJECT: DPW 2022602 - Lewiston Veterans Home Addition
CLIENT: Idaho Division of Public Works
LOCATION: 821 21st. Avenue, Lewiston, Idaho

LOGGED BY: JJK, LJL
METHOD: Hollow-Stem Auger
DRILLER: Geowest Drilling
DATE: 11/18/21
ELEVATION: ~940 feet

BORING NUMBER: B-3

Depth (ft)	Sample Type	Blows / 6 in.	Soil Pattern	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Consistency	REMARKS
1				FILL	Dk. Brown, Silty SAND, Slightly Moist	L	Grass Landscaping
2							
3		15		SM	Brown, Silty SAND, Slightly Moist	VD	
4		19					
		40					
5		50/5"		CL-ML	Lt. Brown, Silty CLAY with sand, Slightly Moist		3" basalt cobble encountered
6	NR						(Blow count not accurate)
7							
8		4				MD	
		4					
9		7					
10		7		GM	Tan, Silty GRAVEL with sand, Slightly Moist	MD	
11		11					
		14					
12							
13							
14							
15		50/1"					
16	NR						
17							
18							
19							
20		10		SP	Tan, Poorly graded SAND, Slightly Moist	MD	
21		15					
		16					

END OF BORING @ 21.5'
NO GROUNDWATER ENCOUNTERED

BORING LOG

GEOTEK

PROJECT #: 2385-ID
PROJECT: DPW 2022602 - Lewiston Veterans Home Addition
CLIENT: Idaho Division of Public Works
LOCATION: 821 21st. Avenue, Lewiston, Idaho

LOGGED BY: JJK, LJL
METHOD: Hollow-Stem Auger
DRILLER: Geowest Drilling
DATE: 11/18/21
ELEVATION: ~940 feet

BORING NUMBER: B-4

Depth (ft)	Sample Type	Blows / 6 in.	Soil Pattern	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Consistency	REMARKS
1				FILL	Dk. Brown, Silty SAND, Slightly Moist	L	Grass Landscaping
2							
3		8			Dk. Brown, Silty SAND with gravel, Slightly Moist	MD	No SPT Recovery
4		5					
5		9					
6	NR	26 50/6"					
7							
8	NR	50/6"					Percollation Pipe installed adjacent @ 8.0'
9							
10							
11	NR	50/5"			Slightly more gravel encountered		
12							
13							
14							
15							
16	NR	50/5"					
17							
18							
19				SP	Tan, Poorly graded SAND, Slightly Moist	VD	
20		19					
21		21 24					

END OF BORING @ 21.5'
NO GROUNDWATER ENCOUNTERED

GEOTEK

BORING LOG

PROJECT #: 2385-ID
PROJECT: DPW 2022602 - Lewiston Veterans Home Addition
CLIENT: Idaho Division of Public Works
LOCATION: 821 21st. Avenue, Lewiston, Idaho

LOGGED BY: JJK, LJL
METHOD: Hollow-Stem Auger
DRILLER: Geowest Drilling
DATE: 11/18/21
ELEVATION: ~940 feet

BORING NUMBER: B-5

Depth (ft)	SAMPLES: Sample Type	SAMPLES: Blows / 6 in.	Soil Pattern	USCS Symbol	MATERIAL DESCRIPTION AND COMMENTS	Consistency	REMARKS
1				FILL	Dk. Brown, Silty SAND, Slightly Moist	L	Grass Landscaping
2							
3		17		SM	Tan to Lt. Brown, Silty SAND, Slightly Moist	D	
4		10					
5		18					
6		14			Light Brown Silty SAND with gravel, Slightly Moist		
7		22					
8		12					
9		3					
10		2		SP	Tan, Poorly graded SAND, Slightly Moist	L	
11		3					
12							
13							
14							
15							
16		4		SM	Lt. Brown, Silty SAND, Slightly Moist	MD	
17		15					
18		24					
19					**END OF BORING @ 16.5'**		
20					**NO GROUNDWATER ENCOUNTERED**		

APPENDIX C

FIELD TESTS AND OBSERVATIONS (2385-ID)

PERCOLATION TESTS

The infiltration rate was determined by conducting percolation tests for onsite earth materials. The infiltration rate was determined in inches per hour. Infiltration rate results are presented below.

LOCATION	INFILTRATION RATE (Inches/Hour)
TP-1 @ 4.0'	0.2
TP-4 @ 8.0'	2.2

APPENDIX D

LABORATORY TESTS RESULTS (2385-ID)

ATTERBERG LIMITS

Atterberg limits were performed on representative samples in general accordance with ASTM D 4318. The results are shown in the following plates.

PARTICLE SIZE ANALYSIS

Sieve analyses were performed in general accordance with ASTM test method C136 and ASTM C117. Test results are presented in the following plates.

RESISTANCE R-VALUE AND EXPANSION PRESSURE OF COMPACTED SOILS

Tests were conducted on representative soil samples, in general accordance with Idaho test method T-8 and AASHTO T-190, to determine the soil's performance when placed in the base, subbase, or subgrade of a road subjected to traffic.

LOCATION	R-VALUE @ 200 psi
TP-4 @ 2.0-4.0'	18

GeoTek - Idaho
320 Corporate Drive, Ste #300 7950 Meadowlark Way, Ste E
Meridian, ID 83642 Coeur d'Alene, ID 83815
Phone: (208) 888-7010 (208) 888-7924
Fax: (208) 904-2980 (208) 904-2981

Material Test Report

Report No: MAT:21-01008-S02

Client: Idaho Department of Public Works
502 N. 4th St.
Boise ID 83702

CC:

Project: 2385-ID
DPW 22602 Lewiston Veterans Home Addition

THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

Sample ID	21-01008-S02
Specification	General Sieve Set
Sampled By	Luke Landriani
Location	B-1, 20.0'-21.5'

Sample Description:

GM, Silty gravel with sand

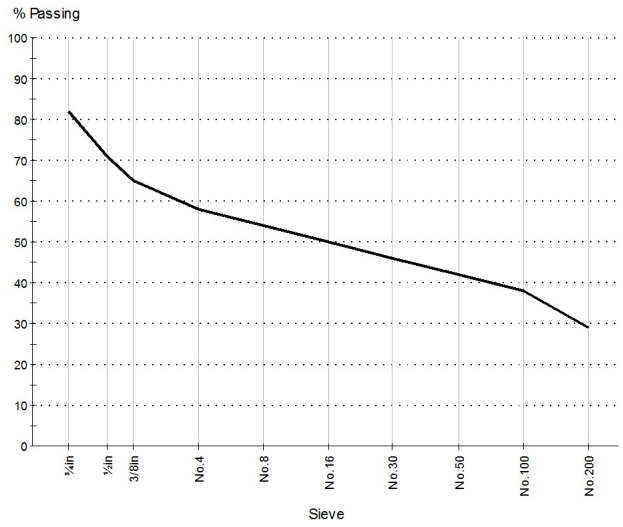
Atterberg Limit:

Liquid Limit:	N/A
Plastic Limit:	NP
Plasticity Index:	NP

Particle Size Distribution

Grading: ASTM C 136, ASTM C 117

Date Tested:
Tested By:



Sieve Size	% Passing	Limits
¾in	82	
½in	71	
3/8in	65	
No.4	58	
No.8	54	
No.16	50	
No.30	46	
No.50	42	
No.100	38	
No.200	29	

COBBLES	GRAVEL		SAND			FINES (28.8%)	
	Coarse	Fine	Coarse	Medium	Fine		
(0.0%)	(18.0%)	(23.9%)	(5.4%)	(8.8%)	(15.1%)	Silt	Clay

D85: N/A **D60:** 5.7903 **D50:** 1.1800
D30: 0.0810 **D15:** N/A **D10:** N/A

© 2000-2021 QESTLab by SpectraQEST.com

GeoTek - Idaho
320 Corporate Drive, Ste #300 7950 Meadowlark Way, Ste E
Meridian, ID 83642 Coeur d'Alene, ID 83815
Phone: (208) 888-7010 (208) 888-7924
Fax: (208) 904-2980 (208) 904-2981

Material Test Report

Report No: MAT:21-01008-S02

Client: Idaho Department of Public Works
502 N. 4th St.
Boise ID 83702

CC:

Project: 2385-ID
DPW 22602 Lewiston Veterans Home Addition

THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

Sample ID	21-01008-S02
Specification	General Sieve Set
Sampled By	Luke Landriani
Location	B-1, 20.0'-21.5'

Other Test Results

Description	Method	Result	Limits
Group Symbol	ASTM D 2487	GM	
Group Name		Silty gravel with sand	
Approximate maximum grain size	ASTM D 4318		
Material retained on 425µm (No. 40) (%)			
Method of Removal			
Grooving Tool Type			
Specimen preparation method			
Drying Method			
Special selection process			
Rolling Method for PL		Hand	
As Received Water Content (%)			
Liquid Limit Device Type		Manual	
Liquid Limit		N/A	
Plastic Limit		NP	
Plasticity Index		NP	
Liquid Limit Procedure		Multipoint (A)	

Comments

N/A

© 2000-2021 QESTLab by SpectraQEST.com

GeoTek - Idaho
320 Corporate Drive, Ste #300 7950 Meadowlark Way, Ste E
Meridian, ID 83642 Coeur d'Alene, ID 83815
Phone: (208) 888-7010 (208) 888-7924
Fax: (208) 904-2980 (208) 904-2981

Material Test Report

Report No: MAT:21-01008-S03

Client: Idaho Department of Public Works
502 N. 4th St.
Boise ID 83702

CC:

Project: 2385-ID
DPW 22602 Lewiston Veterans Home Addition

THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

Sample ID	21-01008-S03
Specification	General Sieve Set
Sampled By	Luke Landriani
Location	B-2, 2.5'-4.0'

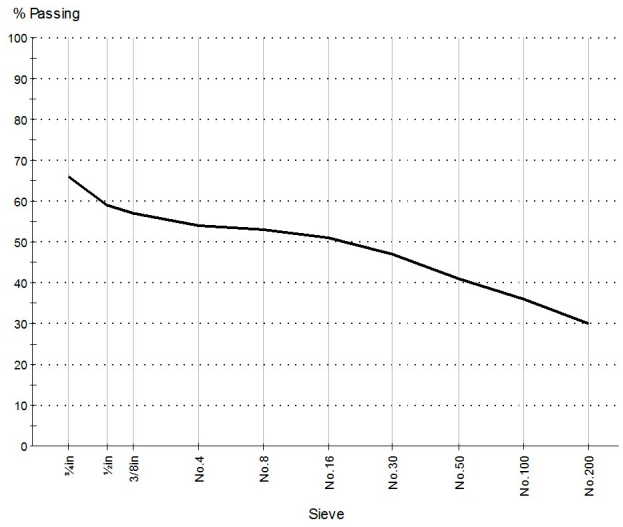
Sample Description:

GC, Clayey gravel with sand

Atterberg Limit:

Liquid Limit:	29
Plastic Limit:	21
Plasticity Index:	8

Particle Size Distribution



Grading: ASTM C 136, ASTM C 117

Date Tested:
Tested By:

Sieve Size	% Passing	Limits
¾in	66	
½in	59	
3/8in	57	
No.4	54	
No.8	53	
No.16	51	
No.30	47	
No.50	41	
No.100	36	
No.200	30	

COBBLES	GRAVEL		SAND			FINES (29.5%)	
	Coarse	Fine	Coarse	Medium	Fine		
(0.0%)	(33.5%)	(12.0%)	(2.4%)	(8.0%)	(14.5%)	Silt	Clay

D85: N/A **D60:** 13.2705 **D50:** 0.9964
D30: 0.0750 **D15:** N/A **D10:** N/A

© 2000-2021 QESTLab by SpectraQEST.com

GeoTek - Idaho
320 Corporate Drive, Ste #300 7950 Meadowlark Way, Ste E
Meridian, ID 83642 Coeur d'Alene, ID 83815
Phone: (208) 888-7010 (208) 888-7924
Fax: (208) 904-2980 (208) 904-2981

Report No: MAT:21-01008-S03

Material Test Report

Client: Idaho Department of Public Works
502 N. 4th St.
Boise ID 83702

CC:

Project: 2385-ID
DPW 22602 Lewiston Veterans Home Addition

THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

Sample ID	21-01008-S03
Specification	General Sieve Set
Sampled By	Luke Landriani
Location	B-2, 2.5'-4.0'

Other Test Results

Description	Method	Result	Limits
Group Symbol	ASTM D 2487	GC	
Group Name		Clayey gravel with sand	
Approximate maximum grain size	ASTM D 4318		
Material retained on 425µm (No. 40) (%)			
Method of Removal			
Grooving Tool Type			
Specimen preparation method			
Drying Method			
Special selection process			
Rolling Method for PL		Hand	
As Received Water Content (%)			
Liquid Limit Device Type		Manual	
Liquid Limit		29	
Plastic Limit		21	
Plasticity Index		8	
Liquid Limit Procedure		Multipoint (A)	

Comments

N/A

© 2000-2021 QESTLab by SpectraQEST.com

GeoTek - Idaho
320 Corporate Drive, Ste #300 7950 Meadowlark Way, Ste E
Meridian, ID 83642 Coeur d'Alene, ID 83815
Phone: (208) 888-7010 (208) 888-7924
Fax: (208) 904-2980 (208) 904-2981

Report No: MAT:21-01008-S04

Material Test Report

Client: Idaho Department of Public Works
502 N. 4th St.
Boise ID 83702

CC:

Project: 2385-ID
DPW 22602 Lewiston Veterans Home Addition

THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

Sample ID	21-01008-S04
Specification	General Sieve Set
Sampled By	Luke Landriani
Location	B-3, 5.0'-6.5'

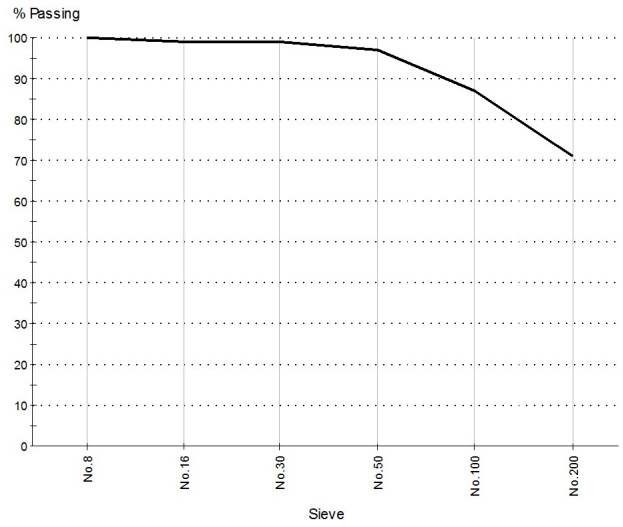
Sample Description:

CL-ML, Silty clay with sand

Atterberg Limit:

Liquid Limit: 25
Plastic Limit: 20
Plasticity Index: 5

Particle Size Distribution



Grading: ASTM C 136, ASTM C 117

Date Tested:
Tested By:

Sieve Size	% Passing	Limits
No.8	100	
No.16	99	
No.30	99	
No.50	97	
No.100	87	
No.200	71	

COBBLES	GRAVEL		SAND			FINES (70.8%)	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
(0.0%)	(0.0%)	(0.0%)	(0.1%)	(2.2%)	(26.9%)		

D85: 0.1376 **D60:** N/A **D50:** N/A
D30: N/A **D15:** N/A **D10:** N/A

© 2000-2021 QESTLab by SpectraQEST.com

GeoTek - Idaho
320 Corporate Drive, Ste #300 7950 Meadowlark Way, Ste E
Meridian, ID 83642 Coeur d'Alene, ID 83815
Phone: (208) 888-7010 (208) 888-7924
Fax: (208) 904-2980 (208) 904-2981

Report No: MAT:21-01008-S04

Material Test Report

Client: Idaho Department of Public Works
502 N. 4th St.
Boise ID 83702

CC:

Project: 2385-ID
DPW 22602 Lewiston Veterans Home Addition

THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

Sample ID	21-01008-S04
Specification	General Sieve Set
Sampled By	Luke Landriani
Location	B-3, 5.0'-6.5'

Other Test Results

Description	Method	Result	Limits
Group Symbol	ASTM D 2487	CL-ML	
Group Name		Silty clay with sand	
Approximate maximum grain size	ASTM D 4318		
Material retained on 425µm (No. 40) (%)			
Method of Removal			
Grooving Tool Type			
Specimen preparation method			
Drying Method			
Special selection process			
Rolling Method for PL		Hand	
As Received Water Content (%)			
Liquid Limit Device Type		Manual	
Liquid Limit		25	
Plastic Limit		20	
Plasticity Index		5	
Liquid Limit Procedure		Multipoint (A)	

Comments

N/A

© 2000-2021 QESTLab by SpectraQEST.com

GeoTek - Idaho
320 Corporate Drive, Ste #300 7950 Meadowlark Way, Ste E
Meridian, ID 83642 Coeur d'Alene, ID 83815
Phone: (208) 888-7010 (208) 888-7924
Fax: (208) 904-2980 (208) 904-2981

Report No: MAT:21-01008-S05

Material Test Report

Client: Idaho Department of Public Works
502 N. 4th St.
Boise ID 83702

CC:

Project: 2385-ID
DPW 22602 Lewiston Veterans Home Addition

THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

Sample ID	21-01008-S05
Specification	General Sieve Set
Sampled By	Luke Landriani
Location	B-3, 10.0'-11.5'

Sample Description:

SM, Silty sand with gravel

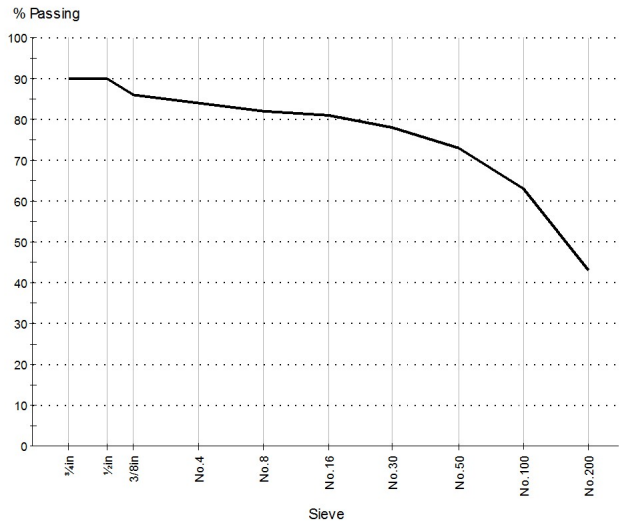
Atterberg Limit:

Liquid Limit: 30
Plastic Limit: 24
Plasticity Index: 6

Particle Size Distribution

Grading: ASTM C 136, ASTM C 117

Date Tested:
Tested By:



Sieve Size	% Passing	Limits
¾in	90	
½in	90	
3/8in	86	
No.4	84	
No.8	82	
No.16	81	
No.30	78	
No.50	73	
No.100	63	
No.200	43	

COBBLES	GRAVEL		SAND			FINES (42.7%)	
	Coarse	Fine	Coarse	Medium	Fine		
(0.0%)	(9.8%)	(5.9%)	(2.2%)	(6.6%)	(32.8%)	Silt	Clay

D85: 6.7175 **D60:** 0.1352 **D50:** 0.0956
D30: N/A **D15:** N/A **D10:** N/A

© 2000-2021 QESTLab by SpectraQEST.com

GeoTek - Idaho
320 Corporate Drive, Ste #300 7950 Meadowlark Way, Ste E
Meridian, ID 83642 Coeur d'Alene, ID 83815
Phone: (208) 888-7010 (208) 888-7924
Fax: (208) 904-2980 (208) 904-2981

Report No: MAT:21-01008-S05

Material Test Report

Client: Idaho Department of Public Works
502 N. 4th St.
Boise ID 83702

CC:

Project: 2385-ID
DPW 22602 Lewiston Veterans Home Addition

THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

Sample ID	21-01008-S05
Specification	General Sieve Set
Sampled By	Luke Landriani
Location	B-3, 10.0'-11.5'

Other Test Results

Description	Method	Result	Limits
Group Symbol	ASTM D 2487	SM	
Group Name		Silty sand with gravel	
Approximate maximum grain size	ASTM D 4318		
Material retained on 425µm (No. 40) (%)			
Method of Removal			
Grooving Tool Type			
Specimen preparation method			
Drying Method			
Special selection process			
Rolling Method for PL		Hand	
As Received Water Content (%)			
Liquid Limit Device Type		Manual	
Liquid Limit		30	
Plastic Limit		24	
Plasticity Index		6	
Liquid Limit Procedure		Multipoint (A)	

Comments

N/A

© 2000-2021 QESTLab by SpectraQEST.com

GeoTek - Idaho
320 Corporate Drive, Ste #300 7950 Meadowlark Way, Ste E
Meridian, ID 83642 Coeur d'Alene, ID 83815
Phone: (208) 888-7010 (208) 888-7924
Fax: (208) 904-2980 (208) 904-2981

Report No: MAT:21-01008-S06

Material Test Report

Client: Idaho Department of Public Works
502 N. 4th St.
Boise ID 83702

CC:

Project: 2385-ID
DPW 22602 Lewiston Veterans Home Addition

THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

Sample ID	21-01008-S06
Specification	General Sieve Set
Sampled By	Luke Landriani
Location	B-5, 7.5'-9.0'

Sample Description:

SM, Silty sand

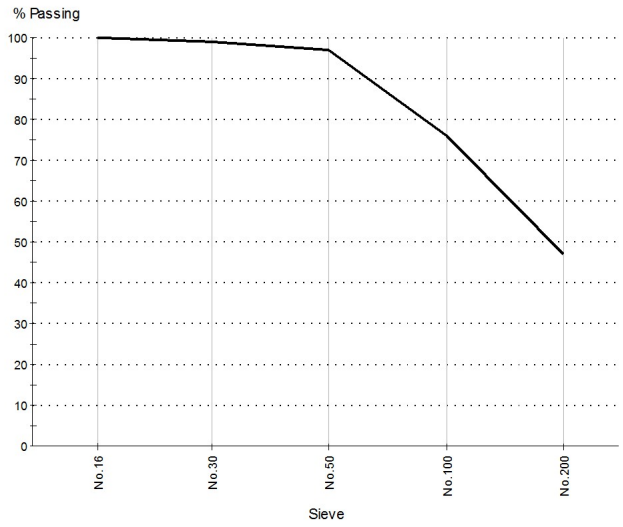
Atterberg Limit:

Liquid Limit: N/A
Plastic Limit: NP
Plasticity Index: NP

Particle Size Distribution

Grading: ASTM C 136, ASTM C 117

Date Tested:
Tested By:



Sieve Size	% Passing	Limits
No.16	100	
No.30	99	
No.50	97	
No.100	76	
No.200	47	

COBBLES	GRAVEL		SAND			FINES (46.7%)	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
(0.0%)	(0.0%)	(0.0%)	(0.0%)	(1.9%)	(51.4%)		

D85: 0.2019 **D60:** 0.1023 **D50:** 0.0806
D30: N/A **D15:** N/A **D10:** N/A

© 2000-2021 QESTLab by SpectraQEST.com

GeoTek - Idaho
320 Corporate Drive, Ste #300 7950 Meadowlark Way, Ste E
Meridian, ID 83642 Coeur d'Alene, ID 83815
Phone: (208) 888-7010 (208) 888-7924
Fax: (208) 904-2980 (208) 904-2981

Report No: MAT:21-01008-S06

Material Test Report

Client: Idaho Department of Public Works
502 N. 4th St.
Boise ID 83702

CC:

Project: 2385-ID
DPW 22602 Lewiston Veterans Home Addition

THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

Sample ID	21-01008-S06
Specification	General Sieve Set
Sampled By	Luke Landriani
Location	B-5, 7.5'-9.0'

Other Test Results

Description	Method	Result	Limits
Group Symbol	ASTM D 2487	SM	
Group Name		Silty sand	
Approximate maximum grain size	ASTM D 4318		
Material retained on 425µm (No. 40) (%)			
Method of Removal			
Grooving Tool Type			
Specimen preparation method			
Drying Method			
Special selection process			
Rolling Method for PL		Hand	
As Received Water Content (%)			
Liquid Limit Device Type		Manual	
Liquid Limit		N/A	
Plastic Limit		NP	
Plasticity Index		NP	
Liquid Limit Procedure		Multipoint (A)	

Comments

N/A

© 2000-2021 QESTLab by SpectraQEST.com

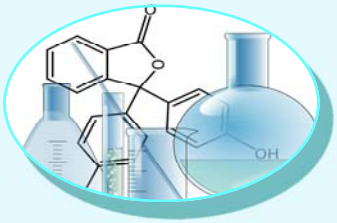
APPENDIX E

HYDROLOGY AND WATER QUALITY

City of Lewiston 2021 Water Quality Report Lewiston Water System

Inside this issue:

Water Quality Table	2
Unregulated Contaminants	3
Additional Contaminants Monitored	3
Required Additional Health Information	3
Lead and Copper Informational Statement	3
National Primary Drinking Water Regulation Compli-	3
Other Monitoring	3



Dear Customer: We are pleased to present a synopsis of the quality of water provided during this past calendar year. The Safe Drinking Water Act (SDWA) requires that water utilities issue an annual "Consumer Confidence Report" to customers in addition to other notices that may be required by law. This report details our water sources, what it contains, and the potential risks our water testing and treatment are designed to prevent. The City of Lewiston is dedicated to supplying the safest and most dependable water supply to our customers. Knowledgeable patrons are our best partners in sustaining safe, quality drinking water.

We endorse public awareness and involvement in our community's decisions, especially affecting drinking water. Regular City Council meetings occur every second and fourth Monday in the Lewiston City Library Upstairs Meeting Room, 411 D Street, at 6:00 p.m. The public is welcome to attend. For other meeting locations and times, visit our website at www.cityoflewiston.org.

For additional information go to the U.S. Environmental Protection Agency (EPA) water information website at www.epa.gov/safewater/.

Overview…

The City of Lewiston produces exceptional quality potable water. We utilize the 2019 "Water Master Plan" that outlines water system enhancements for fire protection and aids in compliance with new federal and state regulations. The WTP has operated for fifteen years at less than a 0.26 NTU (single sample), the plant average monthly turbidity for the year was .05 NTU's, which is below the <0.3 NTU in 95% of samples taken standard.

Changes to improve our system are ongoing.

- In an effort to reduce water loss, our annual leak detection survey was performed by a company specializing in locating undetected leaks.
- Construction of Lewiston's Well #7 continues. This well is planned to increase groundwater capacity by an additional 3 million gallons per day and should be completed in mid 2022.
- Construction of Lewiston's new Water Treatment Plant began. This upgrade is planned to deliver up to 10 million gallons per day of treated surface water and should be completed in 2023.
- City Staff installed approximately 1,160 feet of 8" and 12" replacement water mains in Normal Hill.
- Design of Lewiston's newest reservoir and Booster Station concluded. This project is expected to be constructed in 2022 and will increase storage and pumping capacity in the Southeastern portions of the water system.
- Design of Lewiston's upstream surface water intake continued. This project is expected to provide a much needed update to the existing facility.

Water Source…

The City of Lewiston obtains its water supply from the Clearwater River and six (6) wells. The Clearwater river and Well #4 provides about 90% of our water usage. It is treated in mixed-media filters with chemical addition for pretreatment and chlorine for disinfection. Groundwater from six (6) wells is used for irrigation and domestically. Two are used solely for irrigation. Well #2 is used for irrigation in North Lewiston at the ball fields and Rose Garden and Well #3 is utilized for irrigation at Normal Hill Cemetery. Well #4 water is blended with river water at the plant. Well #5 water is added in the Echo Hills area. Well #6 is blended in the SW Reservoir. Well #1A is used in the Low Reservoir distribution area. The distribution system includes six booster stations and nine finished water reservoirs with a capacity of 15.95 million gallons. These sources and facilities supply water for domestic, irrigation and fire protection within the City's service area.

An Explanation of the Water -Quality Data Table…

The following table illustrates the findings of our water analysis. Every regulated contaminant detected in the water is listed. The table contains the name of substance, the highest level allowed by regulation (MCL), the ideal goals for public health, the amount detected, the sources of such contamination, and a key to units of measurement. Definitions of MCL (maximum contaminant level) and MCLG (maximum contaminant level goal) are important.

The data presented in this report is from the most recent testing done in accordance with regulations.

Key To Table

AL = Action Level
MCL = Maximum Contaminant Level
MCLG = Maximum Contaminant Level Goal
pci/l = picocuries per liter (a measure of radioactivity)
ppm = parts per million, or milligrams per liter (mg/l)
ppb = parts per billion, or micrograms per liter (ug/l)
n/a = not applicable
ND = Not detected
TT = Treatment Technique

Contaminant	Date Tested	Unit	MCL	MCLG	Detected Level	Range	Major Sources	Violation
Inorganic Contaminants								
[3] Lead	2021	ppm	AL=0.015	0	.0025	<0.0001-.0032	Corrosion of household plumbing systems; Erosion of natural deposits. Due 2021	NO
[5] Nitrate	2021	ppm	10	10	2.28	ND-.2.28	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits. ND (Non Detect)	NO
[6] Copper	2021	ppm	AL=1.3	1.3	0.121	.0103-0.351	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives. Due 2021	NO
[9] TOC	2021	ppm	TT	n/a	1.05	0.57-1.05	Naturally present in the environment.	NO
[7] Fluoride							Erosion of natural deposits; Water additive which promotes strong teeth; discharge	
Plant	2021	ppm	4.0	4.0	0.89	0.07-0.89	from fertilizer and aluminum factories.	NO
Well 1A	2021	ppm	4.0	4.0	0.57	0.38-0.57		NO
Well #5	2021	ppm	4.0	4.0	1.05	0.64-1.05		NO
Well #6	2021	ppm	4.0	4.0	0.85	0.5-0.85		NO
[10] Cl_2 Residual	2021	ppm	4.0	—	1.1	0.2-1.1	Added for disinfection.	NO
[8] Sodium	2021	ppm	—	—	50.7	5.04-50.7	Naturally occurring.	NO
[11] Arsenic	2021	ppb	0.01	n/a	ND	ND	Naturally occurring ND (Non Detect)	
Microbiological								
[2] Turbidity	2021	NTU	95% <0.3	n/a	0.28	0.02-0.28	Soil runoff.	NO
Plant								
Well #1A	2021	NTU	n/a	n/a	3.7	0.2-3.7	Minerals in the aquifer	NO
Well #5	2021	NTU	n/a	n/a	0.82	0.05-0.82	Minerals in the aquifer	NO
Well #6	2021	NTU	n/a	n/a	1.29	0.04-1.29	Minerals in the aquifer	NO
Total Coliform	2021	Samples	95%	0	0	0	Naturally present in the environment.	NO
Radioactive Contaminants								
[1] Alpha	2020	pCi/L	15	0	0.92	1.53	Erosion of natural deposits.	NO
[1] Beta emitters	2020	pCi/L	50	0	0.80	4.07	Decay of natural and man-made deposits.	NO
Volatile Organic								
[4] TTHMs	2021	ppb	80	n/a	46.2	25.8-46.2	By-product of drinking water	NO
Distribution							disinfection	
[4] HAACs								
Distribution	2021	ppb	60	n/a	25.8	17.3-28.5	By-product of drinking water	NO
							disinfection	

1) The values reported are from all sources. Alpha/Beta: Clearwater/Well #4,(0.92), Well #1A, #5 1.53/4.07, #6 not sampled. Not sampled this year. (Sampled every 9 years)
2) Turbidity is monitored because it can interfere with disinfection or can indicate the presence of disease causing organisms. 0.28 NTU's was the single highest reading at the Plant for the year. Our average yearly turbidity at the plant was 0.036 NTU, Well #1A 1.68 NTU, Well #5 0.32 NTU, and Well #6 0.34 NTU.
3) This value is the 90th percentile of all samples taken every three years which is the required reporting method. Due next in 2024
4) This value is the quarterly running average of samples taken in the distribution system which is the required reporting method.
5) The high value is for Well #1A 2.28 ppm. Clearwater/well #4 - ND, Well #1A - ND, Well #6 -ND. These are blended.
6) This value is the 90th percentile of all samples taken every three years which is the required reporting method. Due next in 2021
7) The average value for the year is 0.52 ppm (added) from the Plant. Naturally occurring Well averages are; Well #1A - 0.43 ppm, Well #5 - 0.86 ppm, and Well #6 - 0.66 ppm
8) The high value is from Well #5 50.7 ppm. The value for Clearwater/Well #4 is 5.04 ppm, Well #6 - 28.3ppm, Well #1A –25.7 ppm
9) The TOC values are taken on a running quarterly average of the finished water as required reporting.
10) The chlorine values are for all sources—the high is for Plant was 1.2 ppm. For the Wells - Well #6-1.34 ppm, Well #1A-1.35 ppm, Well #5-1.34 ppm
11) The values are for all sources. Clearwater/Well#4-ND, Well #5-ND, Well #1A-ND, Well #6 - ND (Non Detect)

Maximum Contaminant Level or MCL: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal or MCLG: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. Although we ran many tests, only the table listed substances were found.

Initial Distribution System Evaluation (IDSE): The City has performed the IDSE for the Stage 2 Disinfection By-Products Rule (DBPR). The IDSE is a one-time study conducted by some water systems, providing disinfection or chlorination, to identify distribution system locations with concentrations of trihalomethanes (THMs) and haloacetic acids (HAAs). We have used results from the IDSE and the compliance monitoring data and selected monitoring locations for present HAAC and TTHM monitoring. Not all water systems were required to perform an IDSE.

Source Water Assessment: The State of Idaho has completed the source water assessments for our river supply and our wells which includes a map of where the water comes from, possible sources of contamination, and a review of the susceptibility of the source for contamination. The City has completed a "Source Water Protection Plan" for the wells.

Unregulated Contaminants…

During testing performed in 2005, the water from Well #5 showed a radon level at 378 ± 52 Pico-curies per liter (pCi/l). The U.S. Environmental Protection Agency (EPA) is preparing a regulation which will specify a Maximum Contaminant Level for radon. Radon is a radioactive gas that occurs naturally in ground water and is released from water into the air during household use. At high exposure levels it can cause lung cancer. Radon readings in our water are low and should not cause concern. For information call EPA's Radon Hotline (800-557-2366)

Additional Contaminants Monitored…

The City of Lewiston tested for more than one hundred (100) other regulated and unregulated contaminants. The results displayed a non-detect for all 100.

Required Additional Health Information…

To ensure that tap water is safe to drink, EPA prescribes limits on the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

(A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

(B) Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm runoff, industrial or domestic waste water discharges, oil and gas production, mining, or farming.

(C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, storm water runoff, and residential uses.

(D) Organic chemical contaminants, including synthetic and volatile organics, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff and septic systems.

(E) Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Some people may be more vulnerable to contaminants in drinking water than is the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (800-426-4791).

Lead Informational Statement (Health effects and ways to reduce exposure)

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Lewiston is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components.

When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your drinking water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Save Drinking Water Hotline, or at http://www.epa.gov/safewater/lead.

National Primary Drinking Water Regulation Compliance…

In addition to testing that we are required to perform, our water system voluntarily tests for additional substances and microscopic organisms to make certain our water is safe and of high quality. For more detailed information, contact Water System Manager, Bryan Lacy at 208-746-1316.

Other Monitoring…

For additional information, or clarification, contact the Water Treatment Plant at 743-7461.

2021 Water Quality Report - Published June 2022

City of Lewiston
Public Works Department
Water Division
P.O. Box 617
Lewiston, ID 83501-1930

APPENDIX F

WILDLIFE AND HABITAT

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Idaho Fish And Wildlife Office
1387 South Vinnell Way, Suite 368
Boise, ID 83709-1657
Phone: (208) 378-5243 Fax: (208) 378-5262

In Reply Refer To:
Project Code: 2023-0056578
Project Name: Lewiston - VA

September 07, 2023

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see https://www.fws.gov/program/migratory-bird-permit/what-we-do.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see https://www.fws.gov/library/collections/threats-birds.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit https://www.fws.gov/partner/council-conservation-migratory-birds.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Migratory Birds
- Wetlands

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Idaho Fish And Wildlife Office
1387 South Vinnell Way, Suite 368
Boise, ID 83709-1657
(208) 378-5243

PROJECT SUMMARY

Project Code: 2023-0056578
Project Name: Lewiston - VA
Project Type: Federal Grant / Loan Related
Project Description: 821 21st Avenue, Lewiston, ID 83501
10.22 Acres

Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@46.3994295,-117.01938265068196,14z



Counties: Nez Perce County, Idaho

ENDANGERED SPECIES ACT SPECIES

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

INSECTS

NAME	STATUS
Monarch Butterfly *Danaus plexippus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

FLOWERING PLANTS

NAME	STATUS
Spalding's Catchfly *Silene spaldingii* There is **proposed** critical habitat for this species. Species profile: https://ecos.fws.gov/ecp/species/3681	Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

---

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
American White Pelican *pelecanus erythrorhynchos* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/6886	Breeds Apr 1 to Aug 31
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Dec 1 to Aug 31
California Gull *Larus californicus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 1 to Jul 31
Cassin's Finch *Carpodacus cassinii* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9462	Breeds May 15 to Jul 15
Clark's Grebe *Aechmophorus clarkii* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Jun 1 to Aug 31
Evening Grosbeak *Coccothraustes vespertinus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 15 to Aug 10
Franklin's Gull *Leucophaeus pipixcan* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Jul 31
Golden Eagle *Aquila chrysaetos* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1680	Breeds Jan 1 to Aug 31
Lesser Yellowlegs *Tringa flavipes* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679	Breeds elsewhere
Lewis's Woodpecker *Melanerpes lewis* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9408	Breeds Apr 20 to Sep 30
Long-eared Owl *asio otus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3631	Breeds Mar 1 to Jul 15

NAME	BREEDING SEASON
Marbled Godwit *Limosa fedoa* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9481	Breeds elsewhere
Olive-sided Flycatcher *Contopus cooperi* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3914	Breeds May 20 to Aug 31
Rufous Hummingbird *selasphorus rufus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8002	Breeds Apr 15 to Jul 15
Sage Thrasher *Oreoscoptes montanus* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9433	Breeds Apr 15 to Aug 10
Western Grebe *aechmophorus occidentalis* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/6743	Breeds Jun 1 to Aug 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

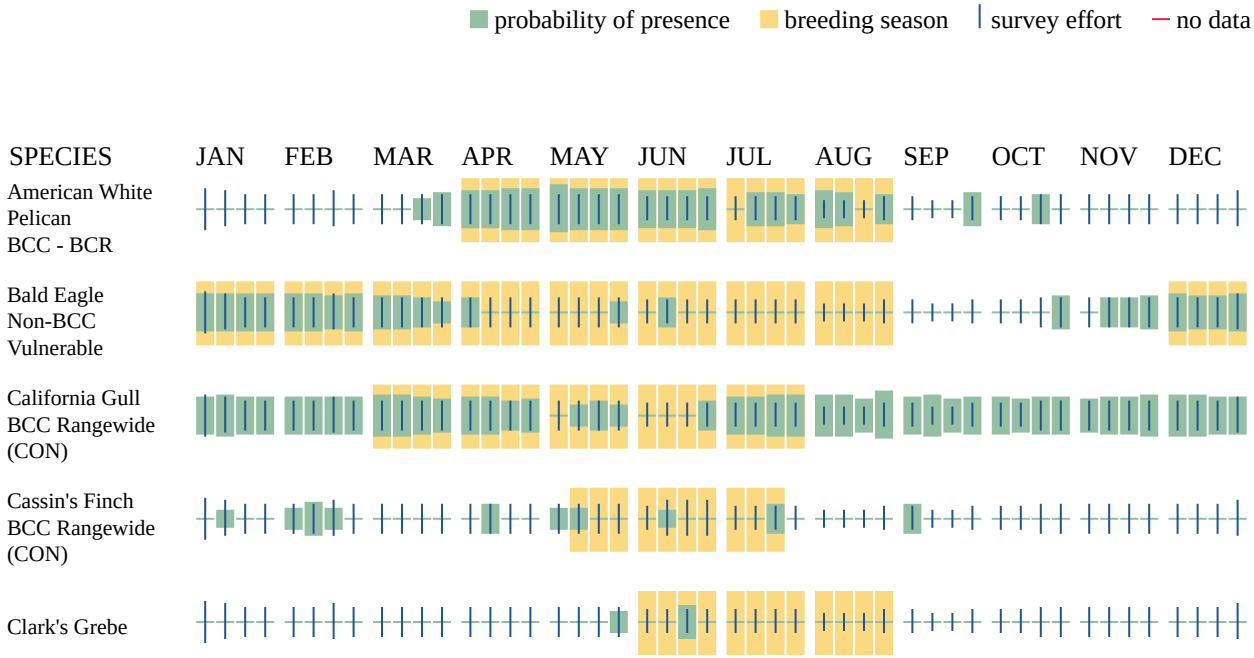
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

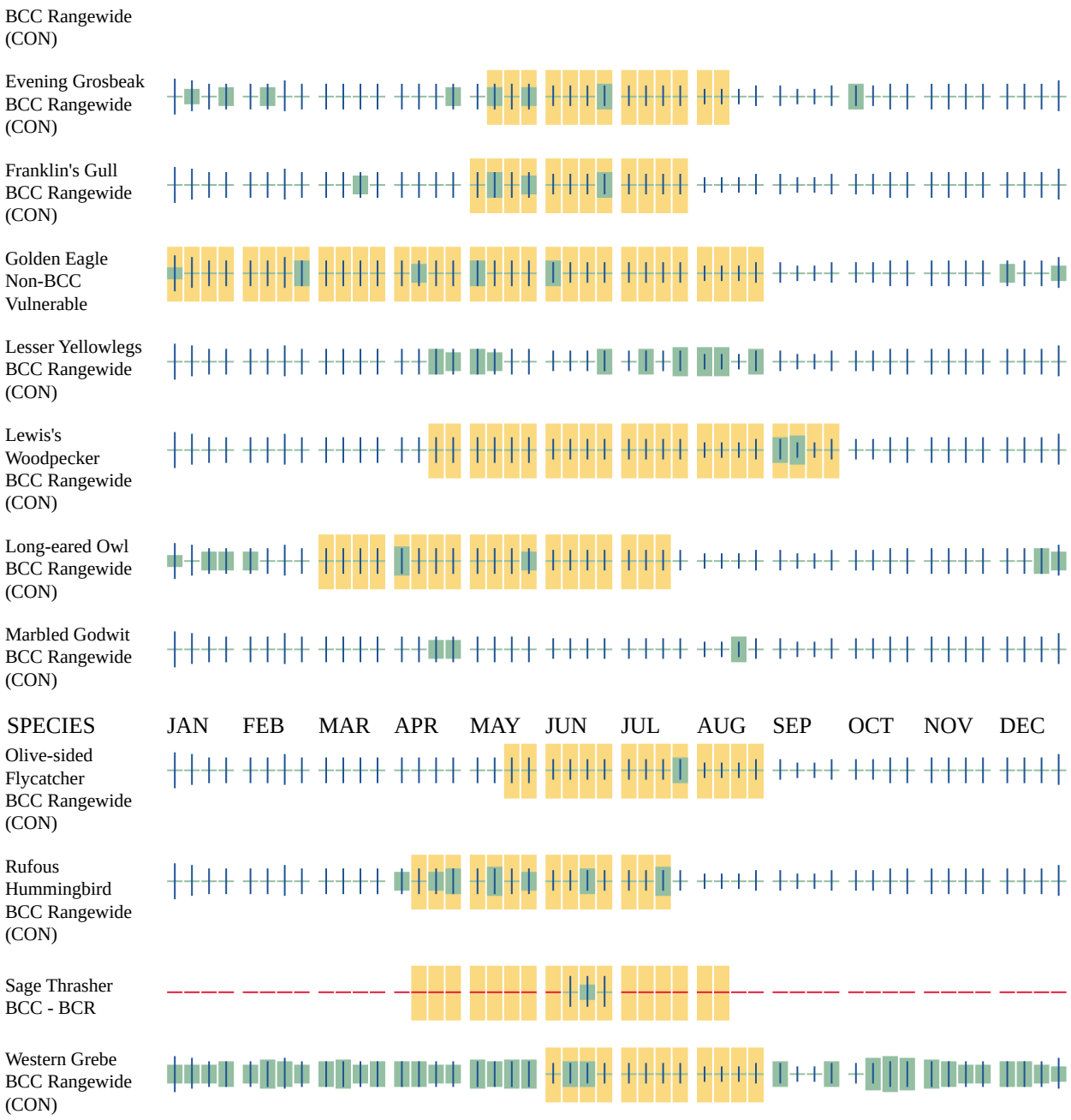
Breeding Season (▪)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.





Additional information can be found using the following links:

- Birds of Conservation Concern https://www.fws.gov/program/migratory-birds/species
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf

MIGRATORY BIRDS FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the RAIL Tool and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point

within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?
Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects
For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?
If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report
The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no

data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

WETLANDS

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

IPAC USER CONTACT INFORMATION

Agency: Atlas Technical Consultants
Name: Alexandra Greiner
Address: 685 Grandview Avenue
City: Columbus
State: OH
Zip: 43215
Email alexandra.greiner@oneatlas.com
Phone: 9376814127

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Department of Veterans Affairs

APPENDIX G

FLOODPLAINS, WETLANDS, AND COSTAL MANAGEMENT

JOINS PANEL 0001

JOINS PANEL 0004

JOINS PANEL 0005

ZONE A

ZONE C

ZONE C

Nez Perce County AREA NOT INCLUDED

CORPORATE LIMITS

CORPORATE LIMITS

SNAKE RIVER

WASHINGTON IDAHO

ASOTIN COUNTY NEZ PERCE COUNTY

Dike

NORTHERN

BURLINGTON

W 12TH AVENUE

W 14TH AVE

11TH AVENUE

16TH AVENUE

18TH AVENUE

21ST AVENUE

9TH AVENUE

1ST AVENUE

PROSPECT AVENUE

1ST STREET

2ND STREET

3RD STREET

4TH STREET

7TH STREET

8TH STREET

14TH STREET

16TH STREET

17TH STREET

21ST STREET

8TH STREET GRADE

21ST STREET GRADE

IDAHO ROAD

STEWART AVENUE

PRESTON AVENUE

3RD STREET

4TH STREET

5TH STREET

6TH STREET

SKYLINE DRIVE

RIVERVIEW TERRACE

MAYFAIR DRIVE

MAYFAIR RIDGE

SWALLOWS VIEW DRIVE

SEAPORT DRIVE

GOLF DRIVE

MEADOWLARK DRIVE

ECHO HILLS DRIVE

KEY TO MAP

500-Year Flood Boundary	ZONE B
100-Year Flood Boundary	ZONE A1 DATE / ZONE A5 DATE
Zone Designations* With Date of Identification e.g., 12/2/74	
100-Year Flood Boundary	
500-Year Flood Boundary	ZONE B
Base Flood Elevation Line With Elevation In Feet**	513
Base Flood Elevation in Feet Where Uniform Within Zone**	(EL 987)
Elevation Reference Mark	RM7×
Zone D Boundary	
River Mile	•M1.5

**Referenced to the National Geodetic Vertical Datum of 1929

*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A0	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

NOTES TO USER

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures.

This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.

For adjoining map panels, see separately printed Index To Map Panels.

INITIAL IDENTIFICATION:
AUGUST 16, 1974

FLOOD HAZARD BOUNDARY MAP REVISIONS:
MAY 28, 1976

FLOOD INSURANCE RATE MAP EFFECTIVE:
JANUARY 20, 1982

FLOOD INSURANCE RATE MAP REVISIONS:

Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE date shown on this map to determine when actuarial rates apply to structures in the zones where elevations or depths have been established.

To determine if flood insurance is available in this community, contact your insurance agent, or call the National Flood Insurance Program, at (800) 638-6620.

APPROXIMATE SCALE
400 0 400 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
LEWISTON, IDAHO
NEZ PERCE COUNTY

PANEL 3 OF 7
(SEE MAP INDEX FOR PANELS NOT PRINTED)

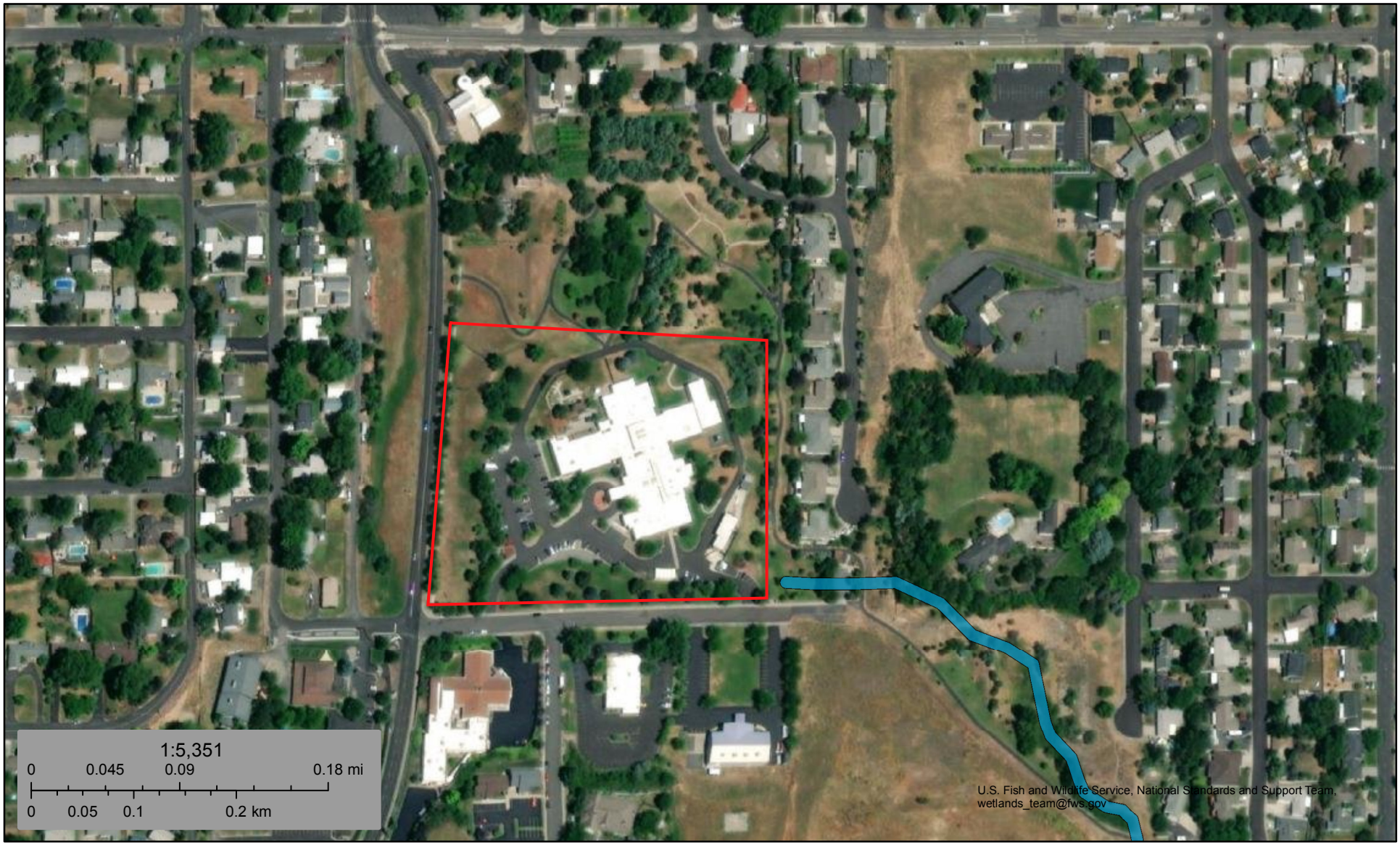
COMMUNITY-PANEL NUMBER
160104 0003 B

EFFECTIVE DATE:
JANUARY 20, 1982

federal emergency management agency
federal insurance administration

U.S. Fish and Wildlife Service
National Wetlands Inventory

Lewiston - VA



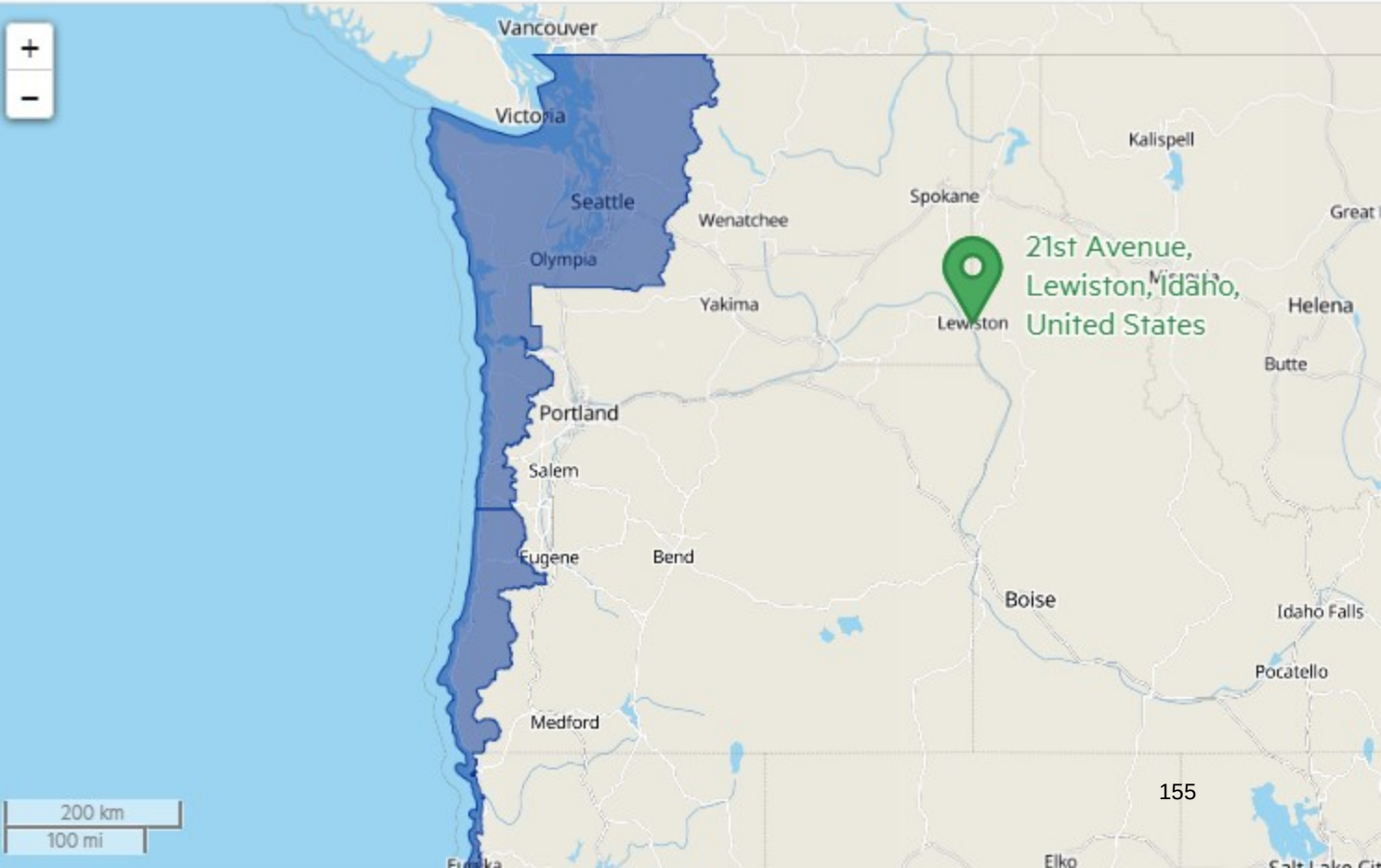
March 16, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

US Coastal Zone Management Act Boundary, WS, US



APPENDIX H

SOCIOECONOMICS

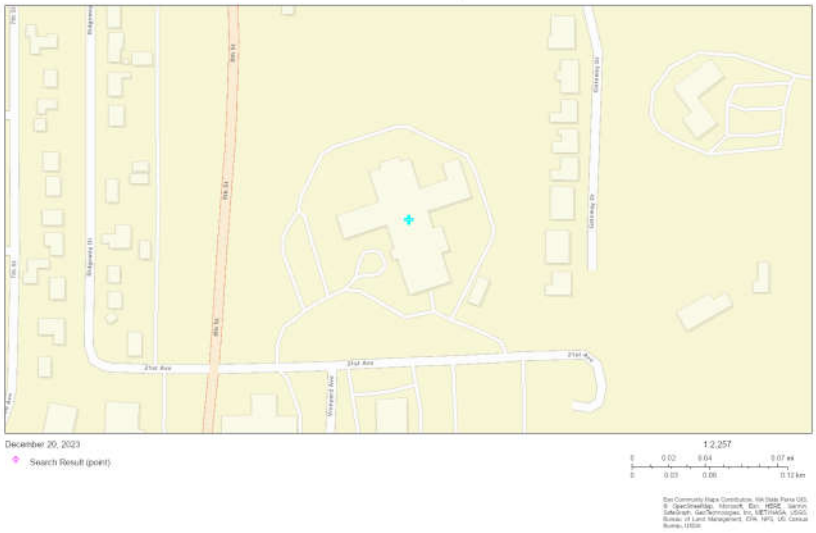
EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

XX

1 mile Ring Centered at 46.399526,-117.019013
Population: 9,000
Area in square miles: 3.14

A3 Landscape



LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	96%
Spanish	1%
German or other West Germanic	1%
Russian, Polish, or Other Slavic	1%
Tagalog (including Filipino)	1%
Total Non-English	4%

COMMUNITY INFORMATION

- Low income: 37 percent
- People of color: 10 percent
- Less than high school education: 7 percent
- Limited English households: 0 percent
- Unemployment: 1 percent
- Persons with disabilities: 18 percent
- Male: 49 percent
- Female: 51 percent
- 78 years — Average life expectancy
- $30,769 — Per capita income
- Number of households: 3,650
- Owner occupied: 71 percent

BREAKDOWN BY RACE

- White: 90%
- Black: 0%
- American Indian: 1%
- Asian: 1%
- Hawaiian/Pacific Islander: 0%
- Other race: 0%
- Two or more races: 2%
- Hispanic: 7%

BREAKDOWN BY AGE

From Ages 1 to 4	5%
From Ages 1 to 18	20%
From Ages 18 and up	80%
From Ages 65 and up	17%

LIMITED ENGLISH SPEAKING BREAKDOWN

Speak Spanish	39%
Speak Other Indo-European Languages	0%
Speak Asian-Pacific Island Languages	61%
Speak Other Languages	0%

Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race.
Source: U.S. Census Bureau, American Community Survey (ACS) 2017 -2021. Life expectancy data comes from the Centers for Disease Control.

Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the EJScreen website.

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.

These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for 1 mile Ring Centered at 46.399526,-117.019013

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter (µg/m^3)	XX	XX	XX	XX	XX
Ozone (ppb)	XX	XX	XX	XX	XX
Diesel Particulate Matter (µg/m^3)	XX	XX	XX	XX	XX
Air Toxics Cancer Risk* (lifetime risk per million)	XX	XX	XX	XX	XX
Air Toxics Respiratory HI*	XX	XX	XX	XX	XX
Toxic Releases to Air	XX	XX	XX	XX	XX
Traffic Proximity (daily traffic count/distance to road)	XX	XX	XX	XX	XX
Lead Paint (% Pre-1960 Housing)	XX	XX	XX	XX	XX
Superfund Proximity (site count/km distance)	XX	XX	XX	XX	XX
RMP Facility Proximity (facility count/km distance)	XX	XX	XX	XX	XX
Hazardous Waste Proximity (facility count/km distance)	XX	XX	XX	XX	XX
Underground Storage Tanks (count/km^2)	XX	XX	XX	XX	XX
Wastewater Discharge (toxicity-weighted concentration/m distance)	XX	XX	XX	XX	XX
SOCIOECONOMIC INDICATORS					
Demographic Index	XX%	XX%	XX	XX%	XX
Supplemental Demographic Index	XX%	XX%	XX	XX%	XX
People of Color	XX%	XX%	XX	XX%	XX
Low Income	XX%	XX%	XX	XX%	XX
Unemployment Rate	XX%	XX%	XX	XX%	XX
Limited English Speaking Households	XX%	XX%	XX	XX%	XX
Less Than High School Education	XX%	XX%	XX	XX%	XX
Under Age 5	XX%	XX%	XX	XX%	XX
Over Age 64	XX%	XX%	XX	XX%	XX
Low Life Expectancy	XX%	XX%	XX	XX%	XX

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: https://www.epa.gov/haps/air-toxics-data-update.

Sites reporting to EPA within defined area:

Superfund XX
Hazardous Waste, Treatment, Storage, and Disposal Facilities XX
Water Dischargers XX
Air Pollution XX
Brownfields XX
Toxic Release Inventory XX

Other community features within defined area:

Schools XX
Hospitals XX
Places of Worship XX

Other environmental data:

Air Non-attainment XX
Impaired Waters XX

Selected location contains American Indian Reservation Lands* XX
Selected location contains a "Justice40 (CEJST)" disadvantaged community XX
Selected location contains an EPA IRA disadvantaged community XX

Report for 1 mile Ring Centered at 46.399526,-117.019013

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	19%	19%	52	20%	43
Heart Disease	7.2	6.1	76	6.1	72
Asthma	9.8	9.9	47	10	49
Cancer	7.4	6.2	78	6.1	78
Persons with Disabilities	17.7%	14.1%	74	13.4%	78

CLIMATE INDICATORS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	6%	14%	31	12%	45
Wildfire Risk	22%	35%	54	14%	83

CRITICAL SERVICE GAPS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	14%	13%	63	14%	61
Lack of Health Insurance	12%	10%	62	9%	75
Housing Burden	XX	N/A	N/A	N/A	N/A
Transportation Access	XX	N/A	N/A	N/A	N/A
Food Desert	XX	N/A	N/A	N/A	N/A

Footnotes

Report for 1 mile Ring Centered at 46.399526,-117.019013

APPENDIX I

SOLID WASTE AND HAZARDOUS MATERIALS



PHASE I ENVIRONMENTAL SITE ASSESSMENT

DPW No. 22602 - Lewiston Veterans Home

821 21st Avenue
Lewiston, Idaho 83501
Project Number: B230423e

PREPARED FOR:

Idaho Department of Administration,
Division of Public Works
502 N. 4th Street
Boise, Idaho 83720

PREPARED BY:

Atlas Technical Consultants
2791 S. Victory View Way
Boise, Idaho 83709

Site Visit Date: March 28, 2023
Report Date: April 5, 2023
Report Viability Date: September 16, 2023

Project Summary Table

DPW No. 22602 - Lewiston Veteran Home
821 21st Avenue
Lewiston, Idaho 83501
Site Visit Date: March 27, 2023

Report Section		No Issues Identified	REC	HREC	CREC	Other	De minimis	Notes
1.2	SIGNIFICANT DATA GAPS	✓						
3.2	SUBJECT PROPERTY IMPROVEMENTS AND USE	✓						
4.0	USER PROVIDED INFORMATION	✓						
5.2	HISTORICAL RECORDS SOURCES	✓						
5.6	STANDARD ENVIRONMENTAL RECORDS	✓						
6.0	SITE RECONNAISSANCE	✓						
7.0	INTERVIEWS	✓						

Table of Contents

1.0 EXECUTIVE SUMMARY 6
1.1 Subject Property and Area Description 6
1.2 Findings, Opinions and Conclusions 6
2.0 INTRODUCTION 7
2.1 Purpose 7
2.2 Scope of Work 7
2.3 Limitations 7
2.4 Significant Assumptions 9
2.5 Special Terms and Conditions (User Reliance) 9
3.0 SITE DESCRIPTION 10
3.1 Location and Legal Description 10
3.2 Subject Property Improvements and Use 10
3.3 Current Uses of Adjoining Properties 10
4.0 USER PROVIDED INFORMATION 11
4.1 Title Records 11
4.2 Environmental Liens or Activity and Use Limitations 11
4.3 Specialized Knowledge 11
4.4 Commonly Known or Reasonably Ascertainable Information 11
4.5 Valuation Reduction for Environmental Issues 11
4.6 Owner, Property Manager, and Occupant Information 11
4.7 Reason for Performing the Phase I Environmental Site Assessment 11
4.8 User Provided Documentation 11
5.0 RECORDS REVIEW 12
5.1 Physical Setting 12
5.2 Historical Records Sources 12
5.2.1 Aerial Photographs 13
5.2.2 Fire Insurance Maps 13
5.2.3 Local Street Directories 13
5.2.4 Topographic Maps 14
5.2.5 Property Tax Records 14
5.2.6 Recorded Land Title Records 14
5.2.7 Building Department Records 14
5.2.8 Zoning and Land Use Records 14
5.3 Summary of Historical Use Information on the Subject Property 14
5.4 Summary of Historical Use Information on the Surrounding Properties 14
5.5 Prior Assessments 14

5.6 Standard Environmental Records 15
5.6.1 Subject Property Database Findings 15
5.6.2 Surrounding Property Database Findings 15
5.6.3 Local Environmental Records Sources 16
6.0 SITE RECONNAISSANCE 17
6.1 Methodology and Limiting Conditions 17
6.2 General Site Settings 17
6.2.1 Hazardous Substances and Petroleum Products 17
6.2.2 Unidentified Substances 17
6.2.3 Storage Tanks 17
6.2.4 Drums 18
6.2.5 Staining 18
6.2.6 ASTs 18
6.2.7 Lack of Secondary Containment 18
6.2.8 USTs 18
6.2.9 PCB Containing Electrical Equipment 18
6.2.10 Solid Waste Disposal 18
6.2.11 Stressed Vegetation 19
6.2.12 Pits, Ponds, and Lagoons 19
6.2.13 Wells 19
6.2.14 Septic Systems 19
6.2.15 Discharge Features 19
6.2.16 Drains 19
6.2.17 Use of Pesticides 19
6.2.18 Other 20
7.0 INTERVIEWS 21
7.1 Interview with Site Manager 21
7.2 Interview with Local Government Officials 21
7.3 Interview with Others 21
8.0 ADDITIONAL SERVICES 22
9.0 REFERENCES 23
10.0 TERMS & ACRONYMS 24

APPENDICES

Figures

Site Photographs

User Provided Documentation

Regulatory Database Report

Aerial Photographs

Historical Research Documentation

Resumes

Other Supporting Documentation

SIGNATURE PAGE

Project Information:
DPW #22602 - Lewiston Veteran Home
821 21st Avenue
Lewiston, Idaho 83501
Project Number: B230423e

Consultant Information:
Atlas Technical Consultants
2791 S. Victory View Way
Boise, Idaho 83709
(208) 376-4748

Reconnaissance Date:
March 28, 2023

Site Access Contact:
Marvin Delp
Facilities Foreman

Site Assessor: Greg Djernes

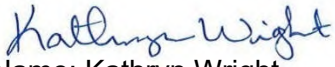
Client Information:
Ms. Elaine Hill
Idaho Department of Administration,
Division of Public Works
502 N. 4th Street
Boise, Idaho 83720

Environmental Professional Statement

This report was prepared under the supervision of an Environmental Professional. I declare that, to the best of my professional knowledge and belief, I, the Supervisor, meet the definition of an Environmental Professional as defined in 40 CFR 312.10 of this part. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Property. I have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Name: Greg Djernes
Title: Environmental Specialist



Name: Kathryn Wright
Title: Environmental Professional

1.0 EXECUTIVE SUMMARY

1.1 Subject Property and Area Description

The property that is the subject of this Atlas Technical Consultants (Atlas) Phase I Environmental Site Assessment (ESA) report consists of an approximately 10.22-acre parcel of developed land addressed 821 21st Avenue in Lewiston, Nez Perce County, Idaho 83501, (the "Subject Property"). The Subject Property is developed with a residential care facility, currently occupied by the Lewiston Veterans Home. Prior to the current development, the Subject Property was vacant land.

The surrounding area use is primarily characterized as mixed-use land, which is predominantly residential with commercial structures to the south. The general topography of the surrounding area slopes to the northwest, towards the Snake River, which is located approximately 0.85 miles west of the Subject Property. Prior to the current development, the surrounding areas were predominantly agricultural.

1.2 Findings, Opinions and Conclusions

Atlas has performed this ESA of the Subject Property in conformance with the scope and limitations of ASTM Standard Practice E1527-21. Any exceptions to, or deletions from, this practice are described in the Purpose and Scope of Work sections of this report.

This assessment has revealed no evidence of *recognized environmental conditions* (RECs) in connection with the Subject Property and recommends no additional investigation based on our findings.

Data gaps may have been encountered during the performance of this ESA and are discussed in applicable sections of the report. According to the ASTM Standard Practice E1527-21, data gaps are only significant if "other information and/or professional experience raise reasonable concerns involving the data gap."

No *significant data gaps* were identified in this report.

2.0 INTRODUCTION

2.1 Purpose

The purpose of this ESA was to identify *recognized environmental conditions* (RECs), *controlled recognized environmental conditions* (CRECs), and *historical recognized environmental conditions* (HRECs) in connection with the Subject Property at the time of the site reconnaissance. This report documents the findings, opinions, and conclusions of the ESA.

2.2 Scope of Work

This ESA was conducted in accordance with the ASTM Standard Practice E1527-21, consistent with a level of care and skill ordinarily practiced by the environmental consulting profession currently providing similar services under similar circumstances. Significant additions, deletions, or exceptions to ASTM Standard Practice E1527-21 are noted below or in the applicable sections of this report.

2.3 Limitations

Atlas has prepared this ESA report using reasonable efforts to identify RECs, CRECs, and HRECs associated with hazardous substances or petroleum products in, on, or at the Subject Property. Findings contained within this report are based on information collected from observations made on the day(s) of the site reconnaissance and from reasonably ascertainable information obtained from certain public agencies and other referenced sources.

The ASTM Standard Practice E1527-21 recognizes inherent limitations for ESAs, including, but not limited to:

- Uncertainty Not Eliminated - An ESA cannot completely eliminate uncertainty regarding the potential for RECs in connection with the Subject Property.
- Not Exhaustive - An ESA was not an exhaustive investigation of environmental conditions on the Subject Property.
- Past Uses of the Subject Property - ESA requirements only require review of standard historical sources at five-year intervals. Therefore, past uses of Subject Property at less than five-year intervals may not be discovered.

This report was not definitive and should not be assumed to be a complete and/or specific definition of all conditions above or below grade. Current subsurface conditions may differ from the conditions determined by surface observations, interviews, and reviews of historical sources. The most reliable method of evaluating subsurface conditions was through intrusive techniques, which are beyond the scope of this report. Information in this report was not intended to be used as a construction document and should not be used for demolition, renovation, or other Subject Property construction purposes. Any use of this report by any party, beyond the scope and intent of the original parties, shall be at the sole risk and expense of such user.

Atlas makes no representation or warranty that the past or current operations at the Subject Property are, or have been, in compliance with all applicable federal, state, and local laws, regulations and codes. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated. Regardless of the findings stated in this report, Atlas makes no warranty that the Subject Property was free from existing or threatened

pollution, and Atlas was not responsible for consequences or conditions arising from facts not fully disclosed to Atlas during the assessment.

An independent data research company provided the government agency database referenced in this report. Information on surrounding area properties was requested for approximate minimum search distances and was assumed to be correct and complete unless obviously contradicted by Atlas's observations or other credible referenced sources reviewed during the assessment. Atlas shall not be liable for any such database firm's failure to make relevant files or documents properly available, to properly index files, or otherwise to fail to maintain or produce accurate or complete records.

Atlas makes no warranty, guarantee or certification regarding the quality, accuracy or reliability of any prior report provided to Atlas and discussed in this ESA report.

Atlas expressly disclaims all liability for any errors or omissions contained in any prior reports provided to Atlas and discussed in this ESA report.

Atlas used reasonable efforts to identify evidence of aboveground and underground storage tanks and ancillary equipment on the Subject Property during the assessment. "Reasonable efforts" were limited to observation of accessible areas, review of referenced public records and interviews. These reasonable efforts may not identify subsurface equipment or evidence hidden from view by things including, but not limited to, snow cover, paving, construction activities, stored materials, and landscaping.

Any estimates of costs or quantities in this report are approximations for commercial real estate transaction due diligence purposes and are based on the findings, opinions, and conclusions of this assessment, which are limited by the scope of the assessment, contractual agreement(s) with client, schedule demands, cost constraints, accessibility limitations and other factors associated with performing the ESA. Subsequent determinations of costs or quantities may vary from the estimates in this report. The estimated costs or quantities in this report are not intended to be used for financial disclosure related to the Financial Accounting Standards Board (FASB) Statement No. 143, FASB Interpretation No. 47, Sarbanes/Oxley Act or any United States Securities and Exchange Commission reporting obligations and may not be used for such purposes in any form without the express written permission of Atlas.

Atlas was not a professional title insurance or land surveyor firm and makes no guarantee, express or implied, that any land title records acquired or reviewed in this report, or any physical descriptions or depictions of the Subject Property in this report, represent a comprehensive definition or precise delineation of Subject Property ownership or boundaries.

The "Environmental Professional Statement" in this report does not "certify" the findings contained in this report and was not a legal opinion of such Environmental Professional. The statement was intended to document Atlas's opinion that an individual meeting the qualifications of an Environmental Professional was involved in the performance of the assessment and that the activities performed by, or under the supervision of, the Environmental Professional were performed in conformance with the standards and practices set forth in 40 CFR Part 312 per the methodology in ASTM Standard Practice E1527-21 and the scope of work for this assessment.

Per ASTM Standard Practice E1527-21, Section 6, User Responsibilities, the User of this assessment has specific obligations for performing tasks during this assessment that will help identify the possibility of RECs in connection with the Subject Property. Failure by the User to fully comply with the requirements may impact their ability to use this report to help qualify for Landowner Liability Protections (LLPs) under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Atlas makes no representations or warranties regarding a User's qualification for protection under any federal, state, or

local laws, rules, or regulations.

In accordance with the ASTM Standard Practice E1527-21, this report was presumed to be viable when it is conducted within 180 days prior to the date of acquisition of the Subject Property (or, for transactions not involving an acquisition, such as lease or refinance, the date of the intended transaction). The dates of the components presented in 4.6.2(i), (iii), (iv), and (v) for interviews, review of government records, visual inspections, and declaration by environmental professional, shall be identified in the report. Completion of searches for recorded environmental cleanup liens (4.6.2(ii)) is a user responsibility; however, if the user has engaged the environmental professional to conduct these searches, then that date shall also be identified in report. Reports older than one year may not meet the ASTM Standard Practice E1527-21 and therefore, the entire report must be updated to reflect current conditions and Subject Property-specific information.

Shelf-Life Summary

ASTM E1527-21 Section 4.6.2(i)-(v)	Inquiry / Completion Date
Interviews (owners, operators, occupants)	March 20, 2023
Review of Government Records	March 20, 2023
Visual Inspections	March 28, 2023
Declaration by the Environmental Professional	April 5, 2023
Report Viability Date	September 16, 2023

2.4 Significant Assumptions

The assumptions made by the *Environmental Professional in* this report were not considered to have a significant impact on the determination of *recognized environmental conditions* in connection with the Subject Property.

2.5 Special Terms and Conditions (User Reliance)

This report was for the use and benefit of, and may be relied upon by, Idaho Department of Administration, Division of Public Works, and any of its affiliates and their respective successors and assigns, in connection with a commercial real estate transaction involving the Subject Property. No third party was authorized to use this report for any purpose. Any use by or distribution of this report to third parties, without the express written consent of Atlas, was at the sole risk and expense of such third party.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The Subject Property was located in the SW¼SW¼, Section 6, Township 35 North, Range 5 West of the Boise Meridian and more specifically located at the northeast corner of the intersection of 8th Street and 21st Avenue in Lewiston, Nez Perce County, State of Idaho. The Subject Property comprised a 10.22-acre parcel occupied by a residential care facility which, according to Mr. Marvin Delp, totaled approximately 62,000 square feet. The Nez Perce County Assessor provided the following information pertaining to the Subject Property:

1) The property owner was State of Idaho.
2) The parcel number was RPL355W0810660.
3) Parcel zoning was R-2 (Low-Density Residential).

A Site Vicinity Map and Site Map are located in the appendix.

3.2 Subject Property Improvements and Use

The following provides a general description of Subject Property use.

SUBJECT PROPERTY IMPROVEMENTS	
Improvement	**Description**
Size of Subject Property	10.22 acres
General Subject Property Use	Residential Care Facility
Public Roads	21st Avenue to the south, 8th Street to the west.
Paved or Concrete Areas	Asphalt-paved roads and parking lots around facility.
Unimproved Areas	None
Landscaped Areas	Around facility and grounds.
Potable Water	City of Lewiston
Sanitary Sewer Utility/Septic	City of Lewiston
Storm Sewer Utility	City of Lewiston
Electrical Utility	Avista Utilities
Natural Gas Utility	Avista Utilities
Number of Buildings/Description	2 – Residential Care Facility and Maintenance Outbuilding
Current Occupancy Status	Occupied

3.3 Current Uses of Adjoining Properties

The adjacent sites to the north were occupied by Ruth Rowell Modie Wildlife Park, 9th Street, single-family residences, and a church. The adjacent sites to the east were occupied by Ruth Rowell Modie Wildlife Park, 9th Street, and single-family residences. The adjacent sites to the south were occupied by a funeral home, two churches, a senior care facility, and a dentist office. The adjacent sites to the west were occupied by 8th Street, greenspace, and single-family residences.

4.0 USER PROVIDED INFORMATION

Under the standard, as outlined in ASTM E1527-21, the User of the Phase I ESA has certain responsibilities regarding notification to the preparer of the report. Specifically, the User must notify the preparer of the report of any environmental liens encumbering the Subject Property or any specialized knowledge or information about previous ownership or uses of the Subject Property that may be material to identifying RECs.

4.1 Title Records

The Client did not request nor provide a chain-of-title as part of the scope of this Phase I ESA. Atlas evaluated prior land use of the Subject Property by reviewing reasonable ascertainable public records and personal interviews.

4.2 Environmental Liens or Activity and Use Limitations

The User provided no information regarding property environmental liens or activity and use limitations (AULs).

4.3 Specialized Knowledge

The Client/User did not provide Atlas with any specialized knowledge regarding RECs associated with the Subject Property.

4.4 Commonly Known or Reasonably Ascertainable Information

The Client/User did not report any commonly known or reasonably ascertainable information that is considered a REC in connection with the Subject Property.

4.5 Valuation Reduction for Environmental Issues

The User provided no information regarding a significant valuation reduction for environmental conditions associated with the Subject Property.

4.6 Owner, Property Manager, and Occupant Information

Information provided by the property owner, property manager, or occupant did not indicate a REC in connection with the Subject Property.

4.7 Reason for Performing the Phase I Environmental Site Assessment

Atlas's understanding is that the Subject Property is being redeveloped by the Idaho Department of Public Works. This Phase I ESA fulfills one requirement of the innocent landowner defense to CERCLA liability.

4.8 User Provided Documentation

The Client provided a previous Phase I ESA, prepared by The L&R Group and dated January 29, 2021, for review. No RECs were identified in the previous Phase I ESA.

5.0 RECORDS REVIEW

5.1 Physical Setting

The Subject Property is located within the physiographic province of the Columbia Basin. The Columbia Basin is characterized by incised rivers, lying between the Cascades and the Rocky Mountains, and south of the Kettle and Okanogan highlands. The entire region is underlain by Miocene Columbia River Basalt, which erupted intermittently during an approximate 4-million-year period. These basalt flows cover 36% of the State of Washington, and have a maximum thickness of 16,000 feet. From late Tertiary to present times, basalt flows in the western part of the basin have been faulted and folded. These east-west trending folds are known as the Yakima Fold Belt. During the Pliocene and Pleistocene, large volumes of wind-blown silt, derived from a continental ice sheet to the north, covered much of eastern Washington. As this ice sheet dammed the Clark Fork River, Lake Missoula formed. These ice dams repeatedly broke, releasing massive floods that covered the Columbia Basin and depositing fine-grained silt soils that mantle topography in the northern Idaho and eastern Washington. (Alt and Hyndman, 2005). Locally, soils are mapped as Clearwater Gravels. These sediments are mainstream channel sands and gravels that have formed a series of terraces and remnant terrace surfaces. Gravel materials tend to be made up of roughly 50% basalt and 50% non-basalt clasts. Many of these terraces have been capped with Lake Missoula rhythmites.

The soil type on the Subject Property was identified as Chard silt loam. Chard silt loam is formed from loess and/or loamy alluvium on terraces and their side slopes and is characterized as a very deep, well drained soil.

The Subject Property was located near the confluence of the Snake and Clearwater rivers, approximately 0.85 miles east of the Snake River and 1.5 miles south of the Clearwater River. Based on regional groundwater gradient, topography, and local surface water flow the overall groundwater gradient in this area is northwest, toward the Snake River. Well Driller's Reports, obtained from the Idaho Department of Water Resources (IDWR), indicated static water level range between 84.0 to 280.0 feet below ground surface (bgs) in wells in the vicinity of the Subject Property. The Subject Property elevation was approximately 940 feet above mean sea level, and the surrounding topography was sloped to the northwest.

5.2 Historical Records Sources

As part of this Phase I ESA, Atlas attempted to develop a history of the previous uses of the Subject Property and surrounding area to help identify past uses that may have resulted in one or more RECs at the Subject Property. Efforts were made to identify the uses of the Subject Property back to the Subject Property's first use or back to 1940, whichever is earlier.

Reasonably ascertainable information concerning the history and background of the Subject Property begins in 1943 and includes aerial photographs, USGS topographic maps, reverse city directories, fire insurance maps, online property information (including available building department records, property tax information, and zoning/land use records), and personal knowledge of individuals familiar with the Subject Property. Copies of the aerial photographs and other historical documents can be found in the appendices.

Interval gaps (greater than five years) were encountered during the research of historical use information for the Subject Property and surrounding area. However, based on the review of available historical

sources, environmental databases, interviews, other documentation and no significant land-use changes during these intervals, these data gaps did not have an impact on the REC determinations of this assessment and are not significant data gaps.

5.2.1 Aerial Photographs

Atlas reviewed aerial photographs for the Subject Property and surrounding area from ERIS. No RECs were indicated by our review of the aerial photographs, and a copy of the aerial photography is included in the appendix. The following table summarizes the research:

AERIAL PHOTOGRAPHS		
DATE	**SUBJECT PROPERTY**	**SURROUNDING PROPERTIES**
1943	The Subject Property was depicted as agricultural land.	The photograph depicted the adjacent sites to the east, south, and west as agricultural land. The adjacent site to the north was depicted as agricultural land with a rural residence and unimproved road.
1953, 1961	The Subject Property was depicted as agricultural land.	Residential development increased to the north and west. An improved road was depicted adjacent to the west of the Subject Property. A borrow pit was depicted adjacent to the southeast in 1961.
1970, 1975, 1981, 1991	The Subject Property was depicted as vacant land.	Commercial development increased to the north in 1970, and to the south and east in 1975. Residential development continued to increase to the north, west, and southwest. The borrow pit to the southeast was depicted as inactive.
1996, 2004, 2006, 2009, 2011, 2013, 2015, 2017, 2019, 2021	The Subject Property was depicted as developed land with one structure, one outbuilding, asphalt-paved parking, and landscaped grounds.	Commercial development increased to the south. Residential development increased in all directions. By 2021, the surrounding properties were predominantly residential and commercial to the north and south, and predominantly residential to the east and west.

5.2.2 Fire Insurance Maps

The fire insurance maps did not provide coverage for the Subject Property.

5.2.3 Local Street Directories

Atlas reviewed the City Directory Report for the Subject Property and surrounding properties from ERIS. The Subject Property was depicted as the Idaho State Veterans Home from 2000 to 2022. The Subject Property was not listed in the City Directory Report prior to 2000. Residential properties historically occupied the adjacent sites in the area. The adjacent sites to the north and south (along 8th Street), and to the east and west (along 21st Avenue), were residential as early as 1964. A funeral home and crematory was listed adjacent to the south in 1994, and commercial development increased incrementally to the north and south through 2022. No RECs were indicated by our review of the city street directories.

5.2.4 Topographic Maps

The 1971 (photorevised 1986) USGS 7.5 Minute Clarkston Quadrangle depicted the Subject Property in an undeveloped area of Lewiston. Residences and a church were depicted to the north, along 18th Avenue, and east, along 13th Street. A borrow pit was depicted to the southeast, near 14th street. The map depicted roads immediately south and west of the Subject Property. A copy of the topographic map is included in the appendix. No RECs were indicated by our review of the topographic maps.

5.2.5 Property Tax Records

Atlas did not review property tax files as a part of this assessment.

5.2.6 Recorded Land Title Records

Review of Recorded Land Title Records were not included in the scope of services of this Phase I ESA. Atlas determined prior use of the Subject Property by review of reasonably ascertainable public records and interviews.

5.2.7 Building Department Records

Building Department Records were not reviewed during this Phase I ESA. Atlas determined prior use of the Subject Property by review of reasonably ascertainable public records and interviews.

5.2.8 Zoning and Land Use Records

Atlas reviewed various land record sources including the Nez Perce County Assessor's office and 1960 Metsker's Atlas. The Nez Perce County Assessor's website indicated that the Subject Property consisted of a 10.22-acre parcel. The Metsker's Atlas identified the owner of the Subject Property as Gregory Leaves.

5.3 Summary of Historical Use Information on the Subject Property

The Subject Property was historically used for agricultural purposes as early as 1943. By approximately 1970, the Subject Property was no longer used for agricultural purposes and remained vacant until the development of the Lewiston Veterans Home. No RECs were noted during the historical records review.

5.4 Summary of Historical Use Information on the Surrounding Properties

Historical use information for adjacent properties include land that was agricultural land with or without rural residences as early as the 1940's. By the 1960's, residential development had replaced agricultural land to the north, northwest, west, and southwest. By 1970, agricultural activities had largely ceased in the surrounding area. Initial commercial development began in approximately 1975, and increased incrementally in areas to the north and south of the Subject Property. Residential development increased in all directions throughout the 1990's and 2000's. By approximately 2006, the surrounding properties had come to resemble conditions at the time of site reconnaissance.

5.5 Prior Assessments

No prior assessment documentation was provided.

5.6 Standard Environmental Records

The regulatory agency database report discussed in this section, provided by ERIS of Buffalo, New York, was reviewed for information regarding reported use or release of hazardous substances and petroleum products on or near the Subject Property. Unless otherwise noted, the information provided by the regulatory agency database report and other sources referenced in this report, were considered sufficient for REC, CREC, HREC or *de minimis* condition determinations without conducting supplemental agency file reviews. Atlas also reviewed the "unmappable" (also referred to as "orphan") listings within the database report, cross-referencing available address information and facility names. Unmappable sites are listings that could not be plotted with confidence but are potentially in the general area of the Subject Property, based on the partial street address, city, or zip code. Unmappable sites that were identified by Atlas as being within the approximate minimum search distance from the Subject Property, based on the site reconnaissance and/or cross-referencing to mapped listings, are included in the discussion within this section. The following is a summary of the finding of the regulatory agency database review. The complete regulatory agency database report may be found in the appendix.

Regulatory Database	Search Radius	Subject Property	Total Sites
National Priorities List (NPL)	1.0-mile	No	0
Delisted NPL	0.5-mile	No	0
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) / CERCLIS NFRAP	0.5-mile	No	0
Resource Conservation and Recovery Act (RCRA) Corrective Action Report	1.0-mile	No	1
RCRA generators	Subject Property and adjoining properties	No	0
RCRA Treatment, Storage, and Disposal (TSD)	0.5-mile	No	0
Leaking Underground Storage Tank Facility List	0.5-mile	No	0
Solid Waste Landfill Capacity Inventory	0.5-mile	No	0
Underground Storage Tank Facility List	0.25-mile	No	1
Voluntary Cleanup Sites	0.5-mile	No	0
State Brownfield Sites	0.5-mile	No	0

5.6.1 Subject Property Database Findings

The Subject Property was not listed in the ERIS Database Report or local agency files.

5.6.2 Surrounding Property Database Findings

ERIS Database Report listings of concern were identified in the surrounding area. These facilities are further discussed below.

1. Vassar Rawls Funeral Home & Crematory **Facility ID# NA**
920 21st Avenue **FINDS/FRS, ICIS**
Lewiston, Idaho 83501 **ERIS Map ID# 1**

This site was located adjacent to the south and hydrogeologically up groundwater gradient of the Subject Property. The Facility Registry Service (FRS) is a managed database of facilities subject to environmental regulations. Vassar Rawls Funeral home was listed as an Air Program facility. No

violations were identified, and the facility was listed as in compliance following onsite evaluations in 2007 and 2012. Therefore, based on information obtained from the database report and records available through the Environmental Protection Agency (EPA), this does not represent an environmental impact to the Subject Property. A copy of the Detailed Facility report is included in the appendix.

5.6.3 Local Environmental Records Sources

The following table describes interviews and/or file reviews with local and state regulatory agencies. Reproducible records are included in the appendix.

Source	Date Contacted	Information Received	Comments
Idaho Department of Environmental Quality (DEQ)	03/17/23	X	No records available for Subject Property.
Lewiston Fire Department	03/16/23	X	No records available for Subject Property.
City of Lewiston	03/16/23	X	No records available for Subject Property.
Nez Perce County	03/16/23	X	No records available for Subject Property.

No additional local environmental records sources were reviewed.

6.0 SITE RECONNAISSANCE

The objective of site reconnaissance is to obtain information indicating the likelihood of identifying RECs in connection with the Subject Property. The following is a summary of the date, participants, and weather conditions associated with the site reconnaissance.

SITE OBSERVATION SUMMARY	
Date	March 28, 2023
Atlas Assessor	Greg Djernes, Environmental Specialist
Escorted By	Marvin Delp, Lewiston Veterans Home, Facilities Foreman
General Weather Conditions	Overcast and 60-degrees Fahrenheit with clear visibility

6.1 Methodology and Limiting Conditions

Reconnaissance consisted of walking the Subject Property in a matrix to provide overlapping view of land use conditions. Photographic documentation of pertinent recognized environmental conditions, improvements, and adjacent properties are included in the appendix. At the time of the reconnaissance, the Subject Property and surrounding land was accessible.

6.2 General Site Settings

At the time of site reconnaissance, Atlas observed the Subject Property was occupied by Lewiston Veterans Home. Atlas observed asphalt-paved parking lots to the south and west of the facility. Atlas observed landscaped areas along the property boundaries and facility exterior. Exterior building materials consisted of concrete, brick, and stucco exterior walls, and a built-up flat roofing system. Interior building materials consisted of concrete or vinyl tile floors, carpet, fiberboard walls, ceramic wall tiles, and acoustic ceiling tiles. Mr. Marvin Delp indicated that grease traps connected to a oil/water separator system were present in the facility kitchen; however, due to sanitary requirements, the kitchen was only inspected visually.

6.2.1 Hazardous Substances and Petroleum Products

Chemical cleaners were observed in janitorial and medical areas throughout the complex. These were present in quantities typical for routine facility maintenance. Additionally, biohazardous waste was observed in marked biohazard containers and marked biohazard areas. These were observed to be typical of industry standards for the storage and disposal of medical waste.

6.2.2 Unidentified Substances

Unidentified substances were not observed during the reconnaissance of the Subject Property.

6.2.3 Storage Tanks

One 250-gallon storage tote was observed on a trailer in the west parking lot. The tote was observed to be empty and, when questioned, Marvin Delp indicated that it was used to apply deicer to paved areas.

6.2.4 Drums

One 55-gallon steel drum of diesel fuel was observed with secondary containment on the northwest wall of the maintenance building. Two 55-gallon plastic drums of magnesium chloride deicer were observed on the northwest wall of the maintenance building. Three 45-gallon plastic drums of corrosion-inhibiting solution were observed in the facility basement for use in the chiller systems.

6.2.5 Staining

Staining was not observed during the reconnaissance of the Subject Property.

6.2.6 ASTs

One 1,000-gallon oxygen AST was observed near the southeast wall of the maintenance building. One 1,000-gallon propane AST was observed to the north of the maintenance building, near a propane or natural gas-powered emergency generator.

6.2.7 Lack of Secondary Containment

The two aboveground storage tanks observed during site reconnaissance were in use for propane and oxygen storage; therefore, secondary containment is not applicable.

6.2.8 USTs

Evidence of underground storage tanks was not observed during the reconnaissance of the Subject Property.

6.2.9 PCB Containing Electrical Equipment

One pad-mounted transformer, owned and operated by Avista Utilities, was located at the southeast side of the main facility. The transformer displayed a blue Non-PCB containing sticker and appeared in good condition with no sign of corrosion or leakage. Power companies are allowed to place Non-PCB containing stickers on transformers and other electrical equipment that contains less than or equal to 50 parts per million (PPM) PCBs.
One hydraulic lift was observed in the loading back on the east side of the facility. The lift appeared in good condition and due to apparent date of manufacture, was unlikely to contain PCBs. One hydraulic trash compactor was observed near the south end of the maintenance outbuilding. The compactor appeared in good condition and due to the apparent date of manufacture, was unlikely to contain PCBs.

6.2.10 Solid Waste Disposal

There was no evidence observed of waste disposal on the Subject Property. Refuse generated onsite was disposed of in trash cans and removed by a private collection company.

6.2.11 Stressed Vegetation

Stressed vegetation was not observed during the reconnaissance of the Subject Property.

6.2.12 Pits, Ponds, and Lagoons

Pits, ponds, or lagoons were not observed during the reconnaissance of the Subject Property.

6.2.13 Wells

No wells were observed during the reconnaissance of the Subject Property. The Subject Property was served by the municipal water utility. If any wells or well structures that are not to remain in use are discovered during the development of the Property, they should be abandoned in accordance with the Administrative Rules of the Idaho Water Resource Board Well Construction Standards Rules IDAPA 37, Title 03, Chapter 09, Rule 25.

6.2.14 Septic Systems

No treatment plants or septic systems were observed during the reconnaissance of the Subject Property. The Subject Property was served by the municipal sewer utility. If during future development any existing tanks are discovered and are to be abandoned, they should be properly closed or removed. The Idaho DEQ recommends the following procedures for septic tank abandonment: 1) disconnect the inlet and outlet piping; 2) pump the scum and septage with approved disposal; 3) fill the septic tank with earthen material or physically destroy the septic tank or remove the septic tank from the ground.

6.2.15 Discharge Features

Two retention ponds were observed on the east and west boundaries of the Subject Property. One 1,500-gallon oil/water separator was indicated on the southeast side of the main facility by Mr. Marvin Delp during site reconnaissance. According to Mr. Delp, the tank is serviced 3-4 times yearly by Roto Rooter and maintenance records are kept on site.

6.2.16 Drains

Five floor drains were observed in janitor closets throughout the main facility. Storm water drains were observed in the parking lot and stairway landing outside the basement level.

6.2.17 Use of Pesticides

Evidence of pesticide usage was not observed during the reconnaissance of the Subject Property. Since the Subject Property has been used for agricultural purposes, Atlas presumed that there was a historical use of pesticides on the Subject Property, and it is possible that residual levels of agricultural chemicals exist on the Subject Property. However, Legal Appendix X1.1.4.3.4 of ASTM E1527-21 provides the basis that pesticides applied in accordance with labeling requirements or typical routine application to row crops are an exception from the REC definition. Atlas has found no evidence that agricultural chemicals were applied in noncompliance to labeling requirements, or stored in large quantities, spilled, transported, or formulated on the Subject Property. Furthermore, the organic layer and soil within the “plow zone”

(typically 1-2 feet and up to 3-4 feet) where residual levels of pesticides would remain will be removed for geotechnical engineering purposes at the time of development. As of the printing of this report, there was no evidence that past usage of pesticides, herbicides, or other agricultural chemicals were mixed, formulated, or disposed of at the Property.

6.2.18 Other

No other concerns were observed or identified during the reconnaissance of the Subject Property.

7.0 INTERVIEWS

7.1 Interview with Site Manager

The facilities manager, Mr. Marvin Delp, was interviewed using the standard Atlas Questionnaire, which is modeled after the Transaction Screening Questionnaire from ASTM E 1528-14. Mr. Marvin Delp was also present at the time of site reconnaissance to provide information about the Subject Property. A copy of the completed questionnaire is included in the appendix. No RECs were reported or identified in connection with the Subject Property from the completed questionnaire.

7.2 Interview with Local Government Officials

Atlas submitted a public records request to the City of Lewiston and the DEQ. No RECs were identified during these public records requests and no further interview was warranted to these local agencies.

7.3 Interview with Others

No other persons were interviewed during this assessment.

8.0 ADDITIONAL SERVICES

No additional services beyond the scope of ASTM E1527-21 were included in the scope of work for this ESA.

9.0 REFERENCES

ASTM International, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E1527-21. November 2021.

City of Lewiston, https://cityoflewistonid.nextrequest.com/requests/new

Environmental Risk Information Services City Directory, Order Number 23031500822, dated March 21, 2023.

ERIS Database Report, Order Number 23031500822, dated March 17, 2023.

ERIS Fire Insurance Maps, Order Number 23031500822, dated March 16, 2023.

ERIS Historical Aerials, Order Number 23031500822, dated March 17, 2023.

ERIS Physical Setting report, Order Number 23031500822, dated March 16, 2023

Idaho Department of Environmental Quality Online Public Records Request, https://www2.deq.idaho.gov/admin/publicrecordsrequest/Index.aspx

Idaho DEQ Underground Storage Tank Database, https://www2.deq.idaho.gov/waste/ustlust/

Metsker's Maps, http://www.historicmapworks.com/

Nez Perce County Assessor, https://gis.co.nezperce.id.us/npcmap/

U.S. Department of Agriculture, Natural Resources Conservation Service. Web Soil Survey Database, http://websoilsurvey.sc.egov.usda.gov.

U.S. Geological Survey (USGS), 7.5 Minute Topographic map Clarkston Quadrangle, Idaho, dated 1971 (photorevised 1986).

Othberg, Breckenridge, and Weisz, 2003, Surficial Geologic Map of the Lewiston Orchards North Quadrangle and Part of the Clarkston Quadrangle, Nez Perce County, Idaho: Idaho Geological Survey

10.0 TERMS & ACRONYMS

The following provides definitions and descriptions of key terms and acronyms that may be used in this report. Italics indicate terms that are defined by ASTM Standard Practice E1527-21. The Standard Practice should be referenced for further detail (such as the precise wording), related definitions or additional explanation regarding the meaning of terms.

business environmental risk (BER) - a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Evaluation of business environmental risk issues may involve addressing one or more non-ASTM scope considerations.

controlled recognized environmental condition (CREC) - a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitation, institutional controls, or engineering controls).

de minimis condition – is a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of the appropriate governmental agencies. Conditions determined to be de minimis are not RECs nor controlled recognized environmental conditions.

historical recognized environmental condition (HREC) - a past release of any hazardous substances or petroleum products that has occurred in connection with the Subject Property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release an HREC, the EP must determine whether the past release is a REC at the time the assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a REC at the time the Phase I ESA is conducted, the condition will be reported as a REC.

material threat - a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional (EP), is threatening and might result in impact to public health or the environment.

migrate/migration - refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.

recognized environmental condition(s) (REC) - the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

Subject Property – a lot or assemblage of lots that comprise a parcel of commercial real estate as described in Section 1.1 that is the subject of this ESA report.

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

FIGURES

Copyright © 2022 Atlas Technical Consultants

Vicinity Map

Figure 1



MAP NOTES:

- Google Street Map
- Not to Scale

LEGEND

Approximate Site Location

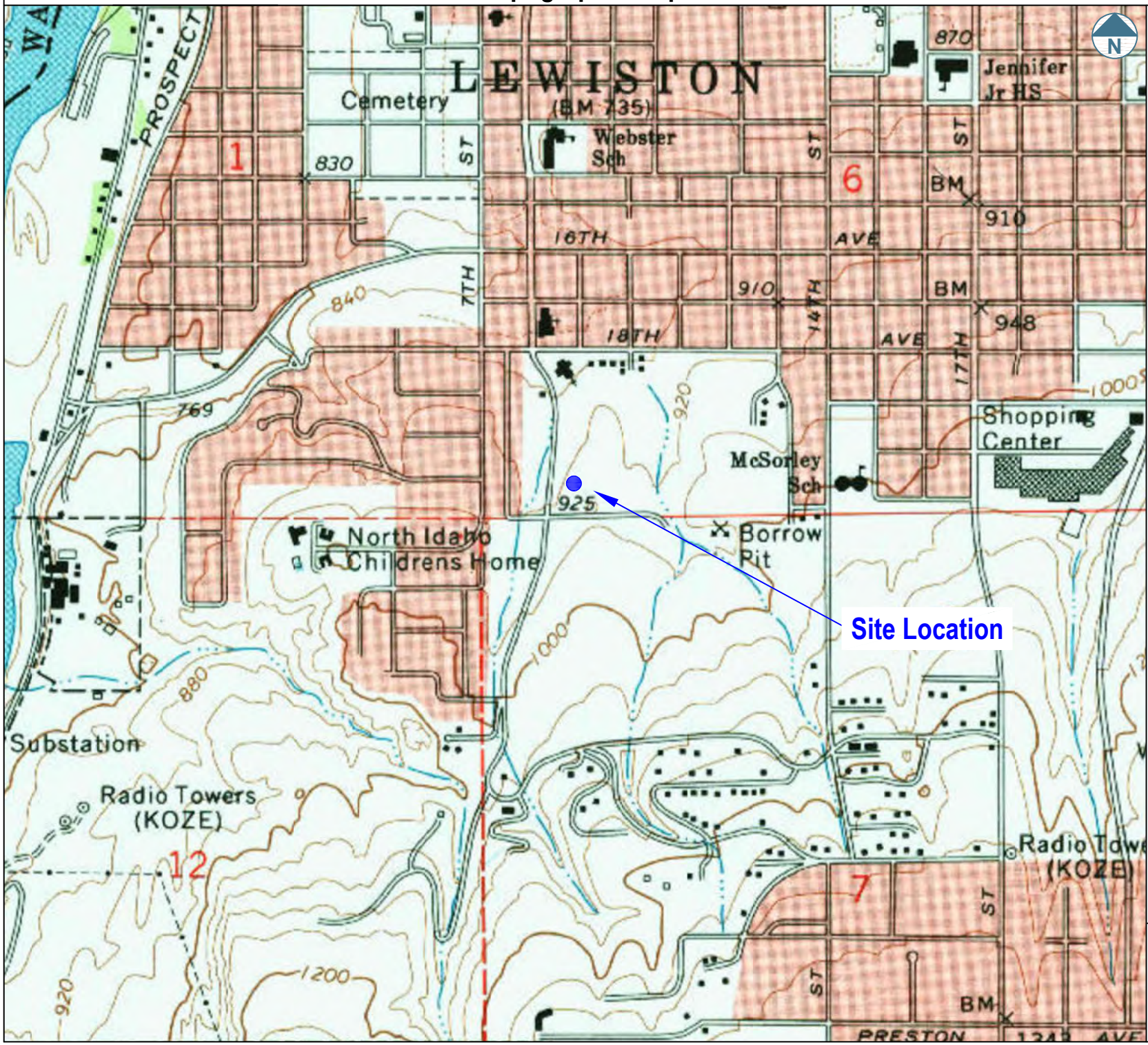
P1 Environmental Site Assessment
821 21st Avenue
Lewiston, ID

Modified from Google by: GD
March 22, 2023
Drawing: B230423e

ATLAS
2791 S. Victory View Way
Boise, ID 83709
Phone: (208) 376-4748
Fax: (208) 322-6515
Web: oneatlas.com

Topographic Map

Figure 2



MAP NOTES:

- Clarkston, Idaho
  46117-D1-TF-024
  1971, Photorevised 1986
  40 Foot Contour Intervals
  T35N, R5W, & Section 06

LEGEND

Approximate Site Location

P1 Environmental Site Assessment
821 21st Avenue
Lewiston, ID

Modified from USGS by: GD
March 22, 2023
Drawing: B230423ee

ATLAS
2791 S. Victory View Way
Boise, ID 83709
Phone: (208) 376-4748
Fax: (208) 322-6515
Web: oneatlas.com

Site Map

Figure 3



NOTES:

Presumed Groundwater Flow Direction

LEGEND

- Approximate Site Boundary
- Transformer
- Oxygen AST
- Propane AST
- Diesel Fuel Drum
- Oil/Water Separator Tank

P1 Environmental Site Assessment
821 21st Avenue
Lewiston, ID

Modified from 2022 Google Earth by: GD
March 28, 2023
Drawing: B20432e

ATLAS
2791 S. Victory View Way
Boise, ID 83709
Phone: (208) 376-4748
Fax: (208) 322-6515
Web: oneatlas.com

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

SITE PHOTOGRAPHS

Copyright © 2022 Atlas Technical Consultants



Northeast Corner – Facing North

←
1



→
2

Northeast Corner – Facing Northeast



Northeast Corner – Facing Southeast

←
3



→
4

Northeast Corner – Facing South

Photographs taken by ATLAS Personnel



Northeast Corner – Facing Southwest

← 5

→ 6



Northeast Corner – Facing Northwest



Southeast Corner – Facing North

← 7

→ 8



Southeast Corner – Facing Northeast

Photographs taken by ATLAS Personnel



Southeast Corner – Facing Southeast

← 9

→ 10



Southeast Corner – Facing South



Southeast Corner – Facing Southwest

← 11

→ 12



Southeast Corner – Facing Northwest

Photographs taken by ATLAS Personnel



Southwest Corner – Facing North

←
13

→
14



Southwest Corner – Facing Northeast



Southwest Corner – Facing Southeast

←
15

→
16



Southwest Corner – Facing South

Photographs taken by ATLAS Personnel



Southwest Corner – Facing Southwest

← 17

→ 18



Southwest Corner – Facing Northwest



Northwest Corner – Facing North

← 19

→ 20



Northwest Corner – Facing Northeast

Photographs taken by ATLAS Personnel



Northwest Corner – Facing Southeast

←
21

→
22



Northwest Corner – Facing South



Northwest Corner – Facing Southwest

←
23

→
24



Northwest Corner – Facing Northwest

Photographs taken by ATLAS Personnel



Building Interior – Nurse Station

← 25

→ 26



Loading Dock with Hydraulic Lift



Building Interior – Janitorial Supply

← 27

→ 28



Janitor Closet – Floor Drain

Photographs taken by ATLAS Personnel



Laundry Room

← 29

→ 30



Laundry Room Chemical Closet



Kitchen

← 31

→ 32



Fire Suppression System

Photographs taken by ATLAS Personnel



Building Interior – Tub Room

←
33

→
34



Unoccupied Bedroom



Bathroom

←
35

→
36



Oxygen Tank Storage

Photographs taken by ATLAS Personnel



Basement Chemical Storage

← 37

→ 38



Basement Deicer Storage



Basement Storm Drain

← 39

→ 40



Pad-Mounted Transformer

Photographs taken by ATLAS Personnel



Oxygen AST

← 41

→ 42



55-gallon Drum with Diesel Fuel & Spill Kit



Emergency Generator

← 43

→ 44



Propane AST

Photographs taken by ATLAS Personnel



Deicer Storage Tote

← 45

→ 46



Oil/Water Separator Tank Access



Maintenance Shop Interior

← 47

→ 48



Trash Compactor

Photographs taken by ATLAS Personnel

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

USER PROVIDED DOCUMENTATION

Copyright © 2022 Atlas Technical Consultants

Idaho State Veterans Home - Lewiston
Division Of Veterans Services

(INSERT CURRENT OCCUPANT / TENANT)

RE: AUTHORIZATION FOR SITE
AND BUILDING ACCESS for

(INSERT PROJECT NAME)

To Whom It May Concern:

Please be advised that ATLAS TECHNICAL CONSULTANTS, LLC is authorized to survey the above referenced property and improvements.

Your cooperation and assistance are appreciated. Should you have any questions, contact the undersigned.

(PRINT NAME) _____

(SIGNATURE) _____

(COMPANY NAME) _____

(TELEPHONE) _____

ENVIRONMENTAL QUESTIONNAIRE AND DISCLOSURE STATEMENT

Purchaser/Lender: _____

Owner/Seller/Borrower: _____

Subject Property: _____

To the best of your knowledge, please answer the following questions:

Question	Response/Comment
1. Describe current use of the Property.	Skilled Nursing Facility
2. When did you acquire the Property?	
3. If known, who was the previous owner(s)?	
4. List dates when buildings were constructed.	
5. List dates of major renovations for each building.	Screening Room Addition 12-16-2020 DPW- 2021606: Expand Chapel and OVA Office 1-24-2020 DPW- 2017605 : Expand Dining Room 1-31-2022 DPW 2019605
6. Name(s) of current and previous occupant(s).	Current - Idaho State Veterans Home - Lewiston

7. Has the Property or any adjoining property been used for the following purposes?	Subject Property			Adjacent Properties			Response/Comment (Describe location, type, and/or size.)
	Yes	No	Unk.	Yes	No	Unk.	
gasoline station		✔				✔	
motor repair facility		✔				✔	
commercial printing facility		✔				✔	
dry cleaners		✔				✔	
photo developing laboratory		✔				✔	
wrecking yard		✔				✔	
landfill/waste dump		✔				✔	

Question	Subject Property			Response/Comment (Describe location, type, amount and/or size.)
8. Has any of the following been located at the subject Property?	Yes	No	Unk.	
electrical transformers	✔			main facility electrical transformer
capacitors			✔	
fluorescent light ballasts	✔			Various locations through out the facility
hydraulic equipment	✔			Loading dock lift
fill pipes, vent pipes, or pipes protruding from the ground		✔		
above or underground storage tanks(AST or UST) including heating oil, gasoline,diesel, etc.	✔			1000 gallon propane tank for emergency generator
fill dirt	✔			Dirt left over from dining room addition
stained soil		✔		
drums (typically 55-gallon)	✔			1- 55 gallon diesel drum for terrain equipment. 1 drum mag cloride
dry chemicals in sacks or other containers		✔		
chemicals containers in aggregate volume of 50 gallons or greater including ASTs and USTs		✔		
chemicals in buckets (typically 5-gallon) containers	✔			Laundry chemicals
automotive or industrial batteries		✔		
pesticides, fertilizer, herbicides, or other agricultural chemicals (bug spray, weed killer, etc.)	✔			Lawn fertilizer and weed killer
paint containers	✔			Paint for facility rooms
9. Has any of the following been dumped, buried, or burned on the Property? (Attach copies of any waste disposal permits or licenses pertaining to operations on the property.)	Subject Property			Response/Comment (Describe location, type, amount and/or size.)
	Yes	No	Unk.	
hazardous substance		✔		
petroleum products		✔		
unidentified waste materials		✔		
tires		✔		
automotive or industrial batteries		✔		
any other waste materials		✔		

Question	Subject Property			Response/Comment (Describe location, type, and/or size.)
	Yes	No	Unk.	
10. Has there been any spill, leak, or other release of chemicals onto the Property? (If so, describe the chemicals and quantities released as well as any cleanup measures.)		✔		
11. Are there any records indicating the presence of PCBs? (If so, describe the use and quantity of PCBs used.)		✔		
12. Are there any asbestos containing building materials associated with the building(s)? (If so, attach a copy of any survey report or results.)			✔	
13. Has a survey or air sampling been conducted at the Property? (If so, attach a copy of any survey report or results.)			✔	
14. Are there any air emissions from the Property or adjoining properties ? (If so, describe air emissions from each source, including fuel-burning equipment on the Property, and attach copies of air permits or licenses pertaining to these operations.)			✔	
15. Are there any dry or injection wells located on the Property? (If so, list any information regarding depth, diameter, location and date of installation.)		✔		
16. Is the Property served by a private well or non-public water system? (If so, list any information regarding depth, diameter, location and date of installation.)		✔		
17. Does the owner, site manager, or occupant of the Property have any knowledge of current or past groundwater monitoring performed at the Property?		✔		
18. Are there any sources of wastewater discharge to surface waters, septic systems, holding ponds, or public sewer systems? (Attach copies of any water discharge permits or licenses pertaining to operations on the Property.)		✔		
19. Have any septic tanks, drainfields, or wastewater treatment facilities been located on the Property? (If so, describe the location and the type of wastes treated in each.)		✔		
20. Have evaporation or storage ponds been located on the Property? (If so, describe the location of all ponds and type of wastes placed in each pond.)		✔		
21. Is there any other type of liquid or solid waste generated at the Property? (If so, describe how the liquid and solid wastes generated at the Property are disposed.)		✔		
22. Has the property been used for disposal of any liquid or solid waste? (If so, describe the location of all disposal sites and the type of wastes disposed at each site.)		✔		

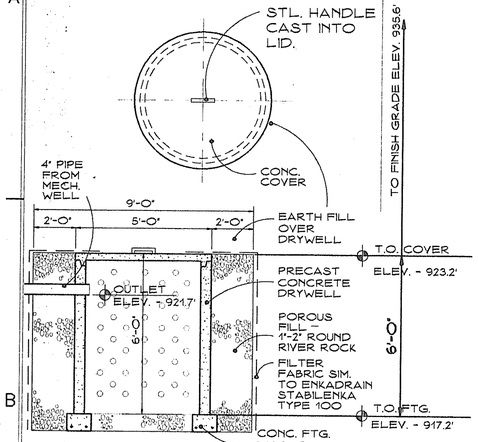
Question	Subject Property			Response/Comment (Describe location, type, and/or size.)
	Yes	No	Unk.	
23. Has any raw chemical or waste chemical storage areas been located on the Property? (If so, describe the location of all such areas and the type of products or wastes stored in each area.)		✔		
24. Has the Property been used for any agricultural purposes? (If so, list dates of usage.)		✔		
25. Have pesticides, fertilizer, herbicides, or other agricultural chemicals, e.g., weed and insect killer, been used at the Property? (If so, describe the amounts, locations, and dates of application.)	✔			Weed herbicide for lawns. fertilizer for lawns
26. Are weeds, insects, disease and other pests controlled on the Property? (If so, describe the control methods..)	✔			Herbicides for weeds . Professional pest control company
27. Are pesticides, fertilizer, herbicides or other agricultural chemicals mixed, stored, or disposed on the Property? (If so, describe the locations where such chemicals were mixed, formulated, rinsed, or disposed.)	✔			Fertilizer stored in detached shed.
28. Does the owner, site manager, or occupant have any knowledge of any environmental liens or governmental notifications relating to past or current violations of environmental laws with respect to the Property?		✔		
29. Has an Environmental Site Assessment, such as the type being performed now, been performed in the past on the Property?	✔			ESA completed by The L&R Group 01-29-2021 #210098T
30. Does the owner, site manager, or occupant of the Property have any knowledge of past, threatened, or pending lawsuits or administrative proceedings concerning environmental conditions?		✔		
31. Does the owner, site manager, or occupant of the Property have any knowledge of correspondence from the EPA or a similar state agency regarding the Property?		✔		

I, as the present owner of the Property or as an officer for the general partner in ownership of the Property or as the duly authorized representative of such owner, state to the best of my knowledge, information, and belief that the information above is true and correct.

PRINT NAME: _____ DATE: _____

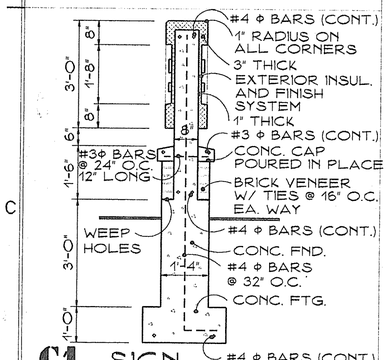
SIGNATURE: _____ COMPANY NAME: _____

TITLE: _____ TELEPHONE: _____



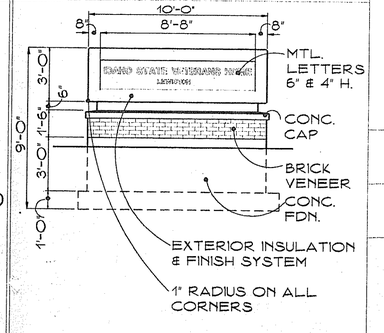
B1 DRYWELL

NO SCALE



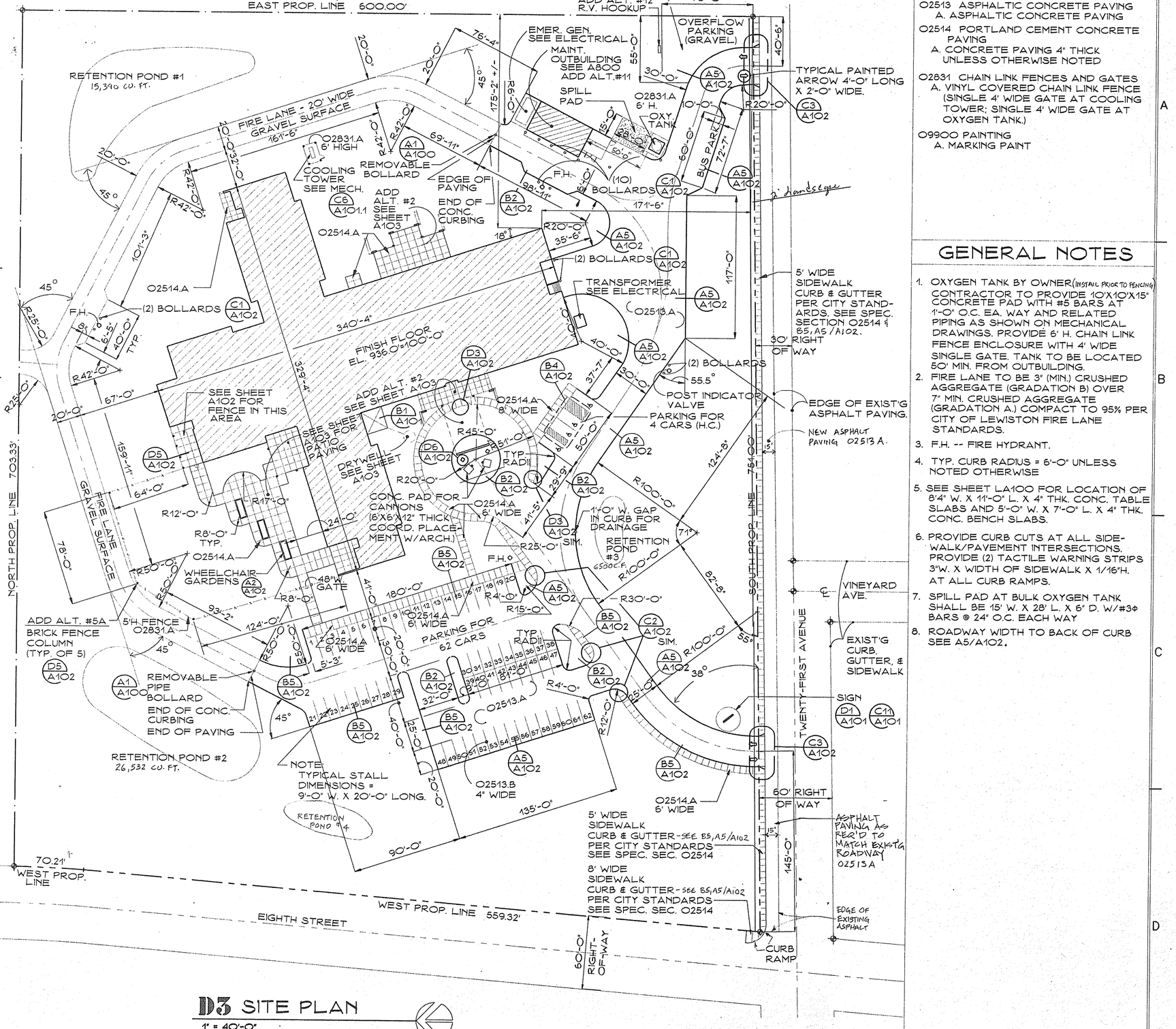
C1 SIGN

1/2" = 1'-0"



D1 SIGN

1/4" = 1'-0"



D3 SITE PLAN

1" = 40'-0"

KEYNOTE

02513 ASPHALTIC CONCRETE PAVING
A. ASPHALTIC CONCRETE PAVING

02514 PORTLAND CEMENT CONCRETE PAVING
A. CONCRETE PAVING 4" THICK UNLESS OTHERWISE NOTED

02831 CHAIN LINK FENCES AND GATES
A. VINYL COVERED CHAIN LINK FENCE (SINGLE 4' WIDE GATE AT COOLING TOWER; SINGLE 4' WIDE GATE AT OXYGEN TANK.)

09900 PAINTING
A. MARKING PAINT

GENERAL NOTES

1. OXYGEN TANK BY OWNER (INSTALL PRIOR TO FENCING) CONTRACTOR TO PROVIDE 10'X10'X15" CONCRETE PAD WITH #5 BARS AT 1'-0" O.C. EA. WAY AND RELATED PIPING AS SHOWN ON MECHANICAL DRAWINGS. PROVIDE 6' H. CHAIN LINK FENCE ENCLOSURE WITH 4' WIDE SINGLE GATE. TANK TO BE LOCATED 50' MIN. FROM OUTBUILDING.
2. FIRE LANE TO BE 3" (MIN.) CRUSHED AGGREGATE (GRADATION B) OVER 7" MIN. CRUSHED AGGREGATE (GRADATION A.) COMPACT TO 95% PER CITY OF LEWISTON FIRE LANE STANDARDS.
3. F.H. -- FIRE HYDRANT.
4. TYP. CURB RADIUS = 6'-0" UNLESS NOTED OTHERWISE
5. SEE SHEET LA100 FOR LOCATION OF 8'4" W. X 11'-0" L. X 4" THK. CONC. TABLE SLABS AND 5'-0" W. X 7'-0" L. X 4" THK. CONC. BENCH SLABS.
6. PROVIDE CURB CUTS AT ALL SIDEWALK/PAVEMENT INTERSECTIONS. PROVIDE (2) TACTILE WARNING STRIPS 3"W. X WIDTH OF SIDEWALK X 1/16"H. AT ALL CURB RAMPS.
7. SPILL PAD AT BULK OXYGEN TANK SHALL BE 15' W. X 28' L. X 6" D. W/#3Φ BARS @ 24" O.C. EACH WAY
8. ROADWAY WIDTH TO BACK OF CURB SEE A5/A102.

COPYRIGHT 1989
GARRY J. RATZLAFF, ARCHITECT/ WALKER ENGINEERING
All rights reserved.
Reproduction or transmission of any part of this work without written permission of RATZLAFF/WALKER is unlawful. Violators will be prosecuted.

APPROVALS:

ADMINISTRATOR OF PUBLIC WORKS:

AGENCY:

DPW No. 91-351

GARRY J. RATZLAFF, ARCHITECT/ WALKER ENGINEERING
1035 YELLOWSTONE AVENUE
POCATELLO, IDAHO 83206 (208) 234-4028

IDAHO STATE VETERANS HOME
LEWISTON, IDAHO
DPW PROJECT 91-351

DRAWING TITLE: SITE PLAN

JOB NO.: M-91-01.00 VA
DATE:
DRAWN BY:
REVISIONS

DRAWING NO. LAAWDAS2

A101

OF

ROOM SCHEDULE - EXISTING

#	ROOM NAME	AREA
01A	Entry Vestibule	91 SF
01B	Exit Vestibule	84 SF
01C	Security	39 SF
02	Lobby/ Seating	1001 SF
03	Reception	325 SF
04	Waiting	139 SF
05	Business Office	135 SF
06	Empty	219 SF
07	State Services	106 SF
08	Volunteer Services	99 SF
09	Hall	256 SF
10	Activities Director	98 SF
11	Corridor	289 SF
11	Corridor	266 SF
12	Medical Records Office	93 SF
13	Infection Control Office	95 SF
14	RR	49 SF
15	RN Manager Office	159 SF
16	Office	200 SF
17	RR	49 SF
18	Hall	152 SF
19	File Room	59 SF
20	Admissions	141 SF
21	Conference	609 SF
23	Clinic Spec. Med. Dir.	136 SF

#	ROOM NAME	AREA
24	DNS	161 SF
25	Corridor	885 SF
25A	Admin Assistant	480 SF
25B	Administrator Office	122 SF
25C	HR Office	122 SF
25D	Storage	48 SF
25E	RR	55 SF
25F	Conference Room	132 SF
26	Bath Shower	232 SF
27	RR	94 SF
28	Isolation Room	219 SF
29	RR	52 SF
30	2 Bed Room (Private RR)	292 SF
31	RR	42 SF
32	2 Bed Room	319 SF
33	RR	42 SF
34	2 Bed Room	319 SF
35	2 Bed Room	319 SF
36	RR	42 SF
37	2 Bed Room	319 SF
38	Storage	69 SF
39	Chapel	984 SF
40A	Room	153 SF
40B	Storage	69 SF
40C	RR	75 SF

#	ROOM NAME	AREA
41	Janitor	50 SF
42	2 Bed Room	320 SF
43	RR	42 SF
44	2 Bed Room	319 SF
45	2 Bed Room	319 SF
46	RR	42 SF
47	2 Bed Room	319 SF
48	2 Bed Room (Private RR)	292 SF
49	RR	42 SF
50	Isolation Room	219 SF
51	RR	52 SF
52	Library	210 SF
53	Crafts	231 SF
54	Dr. Office	76 SF
55	Multi-Purpose (Activities)	562 SF
55A	Vestibule	101 SF
57	Isolation Room	217 SF
58	RR	52 SF
59	Social Service	171 SF
60	Em Med	103 SF
61	Med Supply	92 SF
62	2 Bed Room	315 SF
63	RR	42 SF
64	2 Bed Room	318 SF
65	RR	50 SF

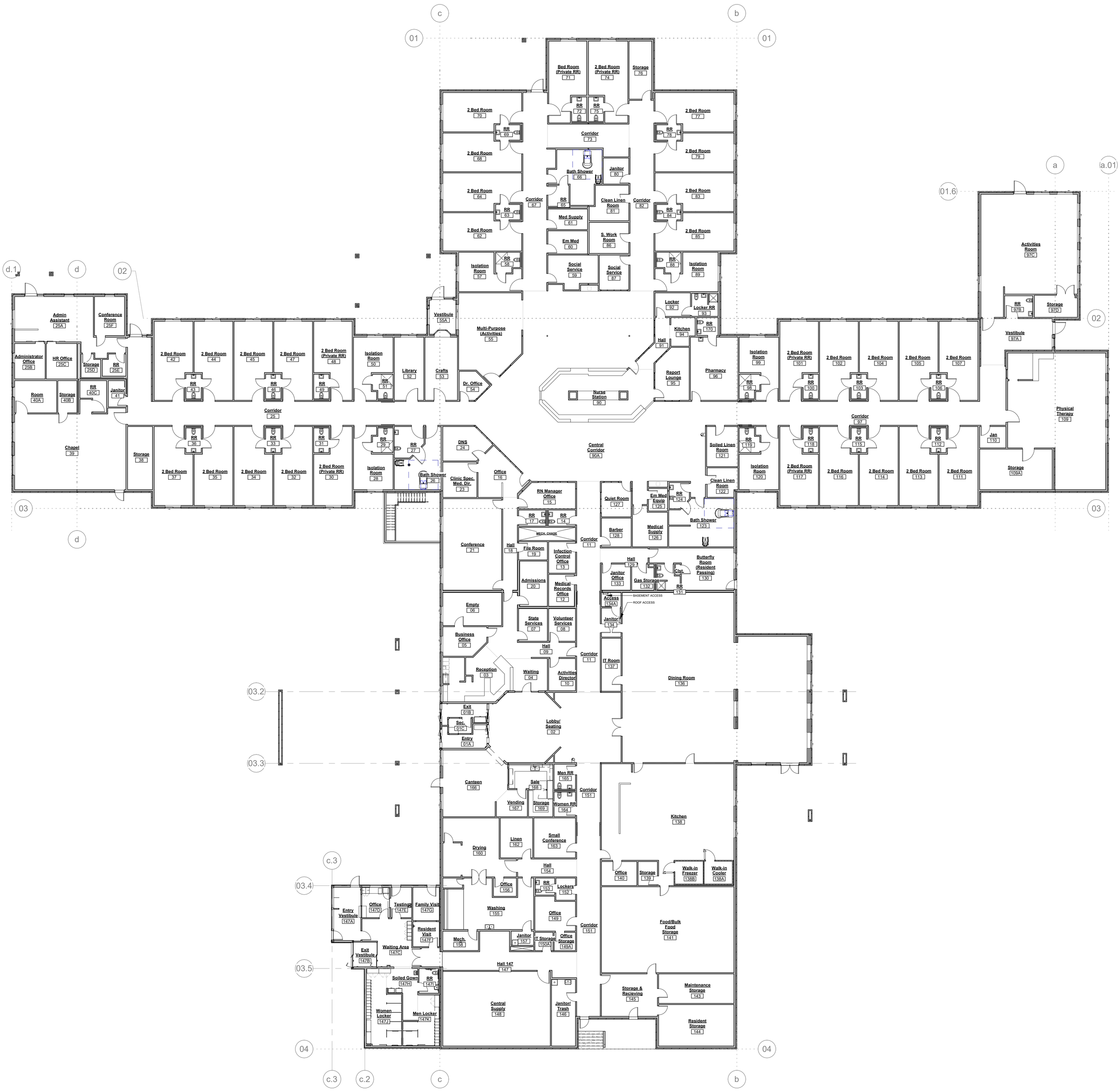
#	ROOM NAME	AREA
66	Bath Shower	249 SF
67	Corridor	558 SF
68	2 Bed Room	318 SF
69	RR	42 SF
70	2 Bed Room	324 SF
71	Bed Room (Private RR)	300 SF
72	RR	42 SF
73	Corridor	245 SF
74	2 Bed Room (Private RR)	313 SF
75	RR	42 SF
76	Storage	148 SF
77	2 Bed Room	324 SF
78	RR	42 SF
79	2 Bed Room	318 SF
80	Janitor	75 SF
81	Clean Linen Room	143 SF
82	Corridor	517 SF
83	2 Bed Room	318 SF
84	RR	42 SF
85	2 Bed Room	315 SF
86	S. Work Room	138 SF
87	Social Service	115 SF
88	RR	52 SF
89	Isolation Room	217 SF
90	Nurse Station	565 SF

#	ROOM NAME	AREA
90A	Central Corridor	3415 SF
91	Hall	100 SF
92	Locker	94 SF
93	Locker RR	67 SF
94	Kitchen	73 SF
95	Report Lounge	189 SF
96	Pharmacy	339 SF
97	Corridor	825 SF
97A	Vestibule	294 SF
97B	RR	68 SF
97C	Activities Room	1148 SF
97D	Storage	106 SF
98	RR	52 SF
99	Isolation Room	218 SF
100	RR	42 SF
101	2 Bed Room (Private RR)	292 SF
102	2 Bed Room	319 SF
103	RR	42 SF
104	2 Bed Room	319 SF
105	2 Bed Room	319 SF
106	RR	42 SF
107	2 Bed Room	320 SF
109	Physical Therapy	1288 SF
109A	Storage	332 SF
110	Jan	63 SF

#	ROOM NAME	AREA
111	2 Bed Room	320 SF
112	RR	42 SF
113	2 Bed Room	319 SF
114	2 Bed Room	319 SF
115	RR	42 SF
116	2 Bed Room	319 SF
117	2 Bed Room (Private RR)	292 SF
118	RR	42 SF
119	RR	52 SF
120	Isolation Room	218 SF
121	Soiled Linen Room	142 SF
122	Clean Linen Room	99 SF
123	Bath Shower	330 SF
124	RR	54 SF
125	Emergency Medical Equipment	48 SF
126	Medical Supply	148 SF
127	Quiet Room	115 SF
128	Barber	96 SF
129	Hall	80 SF
130	Butterfly Room (Resident Passing)	304 SF
130A	Closet	6 SF
131	RR	60 SF
132	Gas Storage	63 SF

#	ROOM NAME	AREA
133	Janitor Office	85 SF
134	Janitor	64 SF
134A	Access	31 SF
136	Dining Room	3174 SF
137	IT Room	117 SF
138	Kitchen	1481 SF
138A	Walk-in Cooler	73 SF
138B	Walk-in Freezer	73 SF
139	Storage	52 SF
140	Office	96 SF
141	Food/Bulk Food Storage	1288 SF
143	Maintenance Storage	250 SF
144	Resident Storage	353 SF
145	Storage & Recieving	268 SF
146	Janitor/ Trash	180 SF
147	Hall 147	415 SF
147A	Entry Vestibule	164 SF
147B	Exit Vestibule	63 SF
147C	Waiting Area	243 SF
147D	Office	95 SF
147E	Testing	71 SF
147F	Resident Visit	75 SF
147G	Family Visit	99 SF
147H	Soiled Gown	135 SF
147I	RR	55 SF

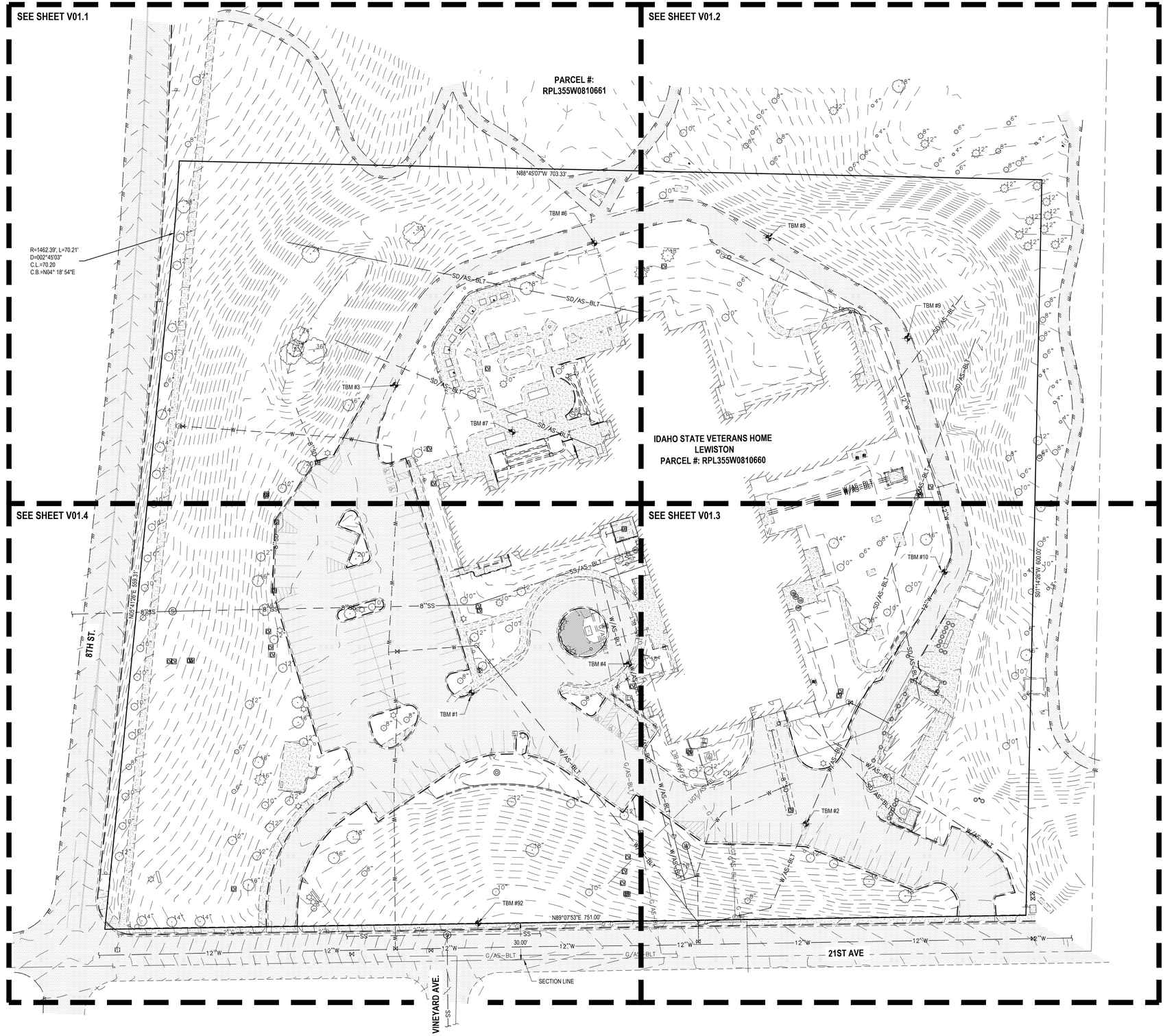
#	ROOM NAME	AREA
147J	Women Locker	262 SF
147K	Men Locker	163 SF
148	Central Supply	908 SF
149	Office	148 SF
149A	Office Storage	44 SF
150A	IT Storage	37 SF
151	Corridor	160 SF
151	Corridor	511 SF
152	Lockers	49 SF
153	RR	37 SF
154	Hall	119 SF
155	Washing	423 SF
156	Office	47 SF
157	Janitor	36 SF
158	Mechanical	78 SF
160	Drying	407 SF
162	Linen	145 SF
163	Small Conference	187 SF
164	Women RR	60 SF
165	Men RR	60 SF
166	Canteen	447 SF
167	Vending	87 SF
168	Sale	121 SF
169	Storage	77 SF



FLOOR PLAN - EXISTING

SCALE: 1/16" = 1'-0"

NORTH



GRID NORTH

40 20 0 40 80

SCALE: 1 INCH = 40 FEET

CONTOUR INTERVAL = 1 FOOT

LEWISTON VETERANS HOME
TOPOGRAPHIC SURVEY
S.6, T.35N., R.5W., B.M., CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO

TBM INFORMATION

POINT #	NORTHING	EASTING	GRID NORTHING	GRID EASTING	ELEVATION	DESCRIPTION
1	1727631.67	2304329.29	1727631.67	2304329.29	936.92	SET X
2	1727524.89	2304601.85	1727524.89	2304601.85	935.50	SET MAG
3	1727882.70	2304267.19	1727882.70	2304267.19	936.08	SET MAG+TAG
4	1727655.08	2304457.64	1727655.09	2304457.64	939.10	SET MAG+TAG
6	1727998.37	2304429.26	1727998.37	2304429.26	936.68	SET MAG+TAG
7	1727844.33	2304362.58	1727844.33	2304362.58	939.43	SET MAG+TAG
8	1728002.47	2304571.35	1728002.47	2304571.36	935.78	SET MAG+TAG
9	1727920.63	2304684.51	1727920.63	2304684.52	935.40	SET MAG+TAG
10	1727730.20	2304714.92	1727730.20	2304714.92	936.29	SET MAG+TAG

LEGEND

- BUILDING
- CONCRETE
- ASPHALT
- TRAFFIC STRIPING
- CURB
- PROPERTY LINE
- FENCE
- SD — STORM SEWER
- SD/AS-BLT — STORM SEWER PER AS-BUILT *
- SS — SANITARY SEWER
- SS/AS-BLT — SANITARY SEWER PER AS-BUILT
- UGE — ELECTRICAL UNDERGROUND
- G — NATURAL GAS
- G/AS-BLT — NATURAL GAS PER AS-BUILT
- W — WATER
- W/AS-BLT — WATER PER AS-BUILT
- UGT — UNDERGROUND TELEPHONE
- UGT/AS-BLT — UNDERGROUND TELEPHONE PER AS-BUILT
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- IRRIGATION CONTROL VALVE
- WATER MANHOLE
- SEWER MANHOLE
- CLEAN OUT
- DRYWELL
- ELECTRIC BOX
- GUY ANCHOR
- TELEPHONE RISER
- TRANSFORMER
- GAS METER
- CONIFEROUS TREE
- DECIDUOUS TREE
- POST
- SIGN
- MAILBOX
- BOLLARD
- COMMUNICATION MANHOLE
- CATCH BASIN
- GAS VALVE
- LIGHT POLE
- WATER SPIGOT
- AC UNIT
- EG — EXISTING GROUND ELEVATION
- TEMPORARY BENCHMARK

* AS-BLT LINES ARE APPROXIMATELY PLACED FROM "GARRY J. RATZLAFF. ARCHITECT/ WALKER ENGINEERING (PLUMING SITE PLAN & OUT BLDG)" , PLAN DATED 09/06/91

UTILITY STATEMENT

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN EXACT LOCATION INDICATED. ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

ACCURACY STATEMENT

SURVEY PERFORMED USING A LEICA TCRP 1201 ONE SECOND ROBOTIC TOTAL STATION, A LEICA TCRP 1203 ONE SECOND ROBOTIC TOTAL STATION, A LEICA MS-60 ONE SECOND ROBOTIC MULTI STATION, A LEICA GS16 GPS BASE STATION, A LEICA GS16 GPS ROVER, A JAVAD TRIUMPH-1M GPS BASE STATION, A JAVAD TRIUMPH-LS ROVER AND A DJI PHANTOM 4 PRO RTK AERIAL DRONE.

HORIZONTAL DATUM

SURVEY IS BASED ON THE IDAHO STATE PLANE COORDINATE SYSTEM, NAD83, WEST ZONE, U.S. FOOT. GROUND COORDINATES HAVE BEEN OBTAINED BY CREATING AN ADJUSTED STATE PLANE COORDINATE SYSTEM SCALED AROUND GRID POINT # 1 .THE SCALE FACTOR OF 0.999991413 WAS APPLIED TO ALL THE GRID COORDINATES TO OBTAIN THE GROUND COORDINATES.

ELEVATION DATUM

NORTH AMERICAN VERTICAL DATUM OF 1988(NAVD 88). GEOID 12B

NOTES

1. FIELD SURVEY COMPLETED IN DECEMBER 2022.
2. THIS DRAWING HAS BEEN PREPARED FOR TOPOGRAPHIC DESIGN PURPOSES ONLY AND DOES NOT REPRESENT A FORMAL BOUNDARY SURVEY BY COFFMAN ENGINEERS. PROPERTY LINES SHOWN ARE APPROXIMATE, BASED ON RECORD INFORMATION AND FOUND MONUMENTATION.

COFFMAN ENGINEERS
10 N. Post Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

DANIEL JEFFREY ATKI
STATE OF WASHINGTON
45775
REGISTERED
PROFESSIONAL LAND SURVEYOR

REV	DATE	DESCRIPTION

PROJ. NO.	222737
DRAWN	ME
CHECKED	KMR & JEA
DATE	12/22/2022

© COFFMAN ENGINEERS INC.

SHEET TITLE:

LEWISTON VETERANS HOME TOPOGRAPHIC SURVEY

SHEET NO:

V01

SHEET 1 OF 5

212

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

REGULATORY DATABASE REPORT

Copyright © 2022 Atlas Technical Consultants

DATABASE REPORT

Project Property:	*B230423e - Lewiston VA ESA* *821 21st Avenue* *Lewiston ID*
Project No:	
Report Type:	*Database Report*
Order No:	*23031500822*
Requested by:	*Atlas Technical Consultants LLC*
Date Completed:	*March 17, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Table of Contents.....2
Executive Summary.....3
Executive Summary: Report Summary.....4
Executive Summary: Site Report Summary - Project Property.....9
Executive Summary: Site Report Summary - Surrounding Properties.....10
Executive Summary: Summary by Data Source.....12
Map.....15
Aerial.....18
Topographic Map.....19
Detail Report.....20
Unplottable Summary.....121
Unplottable Report.....122
Appendix: Database Descriptions.....123
Definitions.....138

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc. ("ERIS") using various sources of information, including information provided by Federal and State government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Trademark and Copyright: You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report (s) are protected by copyright owned by ERIS Information Inc. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.

Executive Summary

Property Information:

Project Property:		*B230423e - Lewiston VA ESA* *821 21st Avenue Lewiston ID*
Project No:		
Coordinates:		
	Latitude:	*46.39945181*
	Longitude:	*-117.01937595*
	UTM Northing:	*5,138,431.07*
	UTM Easting:	*498,510.51*
	UTM Zone:	*UTM Zone 11T*
Elevation:		*934 FT*

Order Information:

Order No:	*23031500822*
Date Requested:	*March 15, 2023*
Requested by:	*Atlas Technical Consultants LLC*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (with Project Boundaries)*
City Directory Search	*CD - 1 Street Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Vapor Screening Tool	*Vapor Screening Tool*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	**1**	**1**
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FRP	Y	0.25	0	0	0	-	-	0
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
SWF/LF	Y	0.5	0	0	0	0	-	0
HSL	Y	PO	0	-	-	-	-	0
HIST SWF	Y	0.5	0	0	0	0	-	0
CSCSL	Y	PO	0	-	-	-	-	0
DELISTED SHWS	Y	PO	0	-	-	-	-	0
LUST	Y	0.5	0	0	0	0	-	0
CSCSL NFA	Y	PO	0	-	-	-	-	0
SWF/LF	Y	PO	0	-	-	-	-	0
DELISTED LST	Y	0.5	0	0	0	0	-	0
RECYCLERS	Y	PO	0	-	-	-	-	0
UST	Y	0.25	0	0	**1**	-	-	**1**
WASTE TIRE	Y	PO	0	-	-	-	-	0
DELISTED STORAGE TANK	Y	0.25	0	0	0	-	-	0
INST	Y	0.5	0	0	0	0	-	0
LUST	Y	PO	0	-	-	-	-	0
LUST PTAP	Y	PO	0	-	-	-	-	0
VCP	Y	0.5	0	0	0	0	-	0
UST LOAN	Y	PO	0	-	-	-	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
LST HOT	Y	PO	0	-	-	-	-	0
HIST BROWN	Y	0.5	0	0	0	0	-	0
UST	Y	PO	0	-	-	-	-	0
DELISTED LST	Y	PO	0	-	-	-	-	0
AST	Y	PO	0	-	-	-	-	0
AST SPL PREV	Y	PO	0	-	-	-	-	0
DELISTED TNK	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
INST	Y	PO	0	-	-	-	-	0
VCP	Y	PO	0	-	-	-	-	0
BROWNFIELDS	Y	PO	0	-	-	-	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN LUST	Y	PO	0	-	-	-	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
INDIAN UST	Y	PO	0	-	-	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0
County	***No County databases were selected to be included in the search.***							
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	0	**1**	-	-	-	**1**
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	PO	0	-	-	-	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	**1**	-	-	-	**1**
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	**1**	0	**3**	**4**
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	**1**	-	-	-	**1**
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
REM SITES	Y	0.5	0	0	**1**	**5**	-	**6**
SPILLS	Y	PO	0	-	-	-	-	0
DELISTED REM	Y	0.5	0	0	0	0	-	0
SPILLS WATER	Y	PO	0	-	-	-	-	0
ALL SITES	Y	PO	0	-	-	-	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
ERTS	Y	PO	0	-	-	-	-	0
SPILLS	Y	0.125	0	0	-	-	-	0
ICR	Y	PO	0	-	-	-	-	0
CDL	Y	PO	0	-	-	-	-	0
DRYCLEANERS	Y	PO	0	-	-	-	-	0
DELISTED DRYCLEANERS	Y	PO	0	-	-	-	-	0
TIER 2	Y	PO	0	-	-	-	-	0
CDL	Y	PO	0	-	-	-	-	0
HIST CDL	Y	PO	0	-	-	-	-	0
AIR PERMITS	Y	PO	0	-	-	-	-	0
UIC	Y	PO	0	-	-	-	-	0

Tribal ***No Tribal additional environmental record sources available for this State.***

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
County	***No County additional environmental databases were selected to be included in the search.***							
Total:			*0*	***3***	***3***	***5***	***4***	***15***

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	FINDS/FRS	VASSAR RAWLS FUNERAL HOME AND CREMATORY	920 21ST AVE LEWISTON ID 83501 ***Registry ID:*** 110001687041	S	0.01 / 48.34	24	20
1	ICIS	VASSAR-RAWLS FUNERAL	920 21ST AVE LEWISTON ID 83501 ***Registry ID:*** 110001687041	S	0.01 / 48.34	24	20
1	AFS	VASSAR-RAWLS FUNERAL	920 21ST AVE LEWISTON ID 83501	S	0.01 / 48.34	24	20
2	MRDS	NORTHWEST AGGREGATES	NEZ PERCE COUNTY LEWISTON ID 83501 ***Dep ID:*** 10217516	ENE	0.20 / 1,051.90	-19	22
3	UST	DYNAMART	822 16TH AVE LEWISTON ID ***Facility ID | Facility Status:*** 2-350609 | Active ***Tank No | Status:*** 2-350609*4 | Currently In Use, 2-350609*1 | Currently In Use, 2-350609*2 | Currently In Use, 2-350609*3 | Currently In Use	NNW	0.25 / 1,310.37	-78	22
3	REM SITES	DYNAMART	822 16TH AVE LEWISTON ID	NNW	0.25 / 1,310.37	-78	28
4	REM SITES	SIGN CRAFTERS INC	1006 16TH AVE LEWISTON ID	NNE	0.26 / 1,389.56	-51	28
5	REM SITES	GUARDIAN PLUMBING HEATING & AC INC	929 16TH AVE LEWISTON ID	N	0.27 / 1,409.23	-52	28
6	REM SITES	MCSORLEY ELEMENTARY SCHOOL	2020 15TH ST LEWISTON ID	E	0.33 / 1,749.03	56	28
7	REM SITES	SEARS NO 7738	1900 21ST AVE LEWISTON ID	E	0.46 / 2,406.99	101	29
8	REM SITES	GARYS POOL & SPA SERVICES LLC	1113 14TH AVE LEWISTON ID	NNE	0.46 / 2,411.27	-51	29
9	RCRA CORRACTS	FEDERAL CARTRIDGE CO CCI	2299 SNAKE RIVER AVE LEWISTON ID 83501	W	0.69 / 3,644.80	-151	29

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: IDD009066481				
10	MRDS	CLARKSTON PIT	ASOTIN COUNTY CLARKSTON WA 99403 ***Dep ID:*** 10252829	W	0.98 / 5,194.51	-184	119
11	MRDS	PAFFILE PIT	NEZ PERCE COUNTY LEWISTON ID 83501 ***Dep ID:*** 10169078	NNE	1.00 / 5,270.10	-134	120
11	MRDS	MCGREGOR PIT	NEZ PERCE COUNTY LEWISTON ID 83501 ***Dep ID:*** 10167770	NNE	1.00 / 5,270.10	-134	120

Executive Summary: Summary by Data Source

Standard

Federal

RCRA CORRACTS - RCRA CORRACTS-Corrective Action

A search of the RCRA CORRACTS database, dated Jan 23, 2023 has found that there are 1 RCRA CORRACTS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
FEDERAL CARTRIDGE CO CCI	2299 SNAKE RIVER AVE LEWISTON ID 83501	W	0.69 / 3,644.80	9
	***EPA Handler ID**: IDD009066481*			

State

UST - Underground Storage Tank (UST) Report

A search of the UST database, dated Dec 2, 2022 has found that there are 1 UST site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
DYNAMART	822 16TH AVE LEWISTON ID	NNW	0.25 / 1,310.37	3
	***Facility ID | Facility Status**: 2-350609 | Active* ***Tank No | Status**: 2-350609*4 | Currently In Use, 2-350609*1 | Currently In Use, 2-350609*2 | Currently In Use, 2-350609*3 | Currently In Use*			

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Aug 18, 2022 has found that there are 1 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
VASSAR RAWLS FUNERAL HOME AND CREMATORY	920 21ST AVE LEWISTON ID 83501	S	0.01 / 48.34	1
	***Registry ID**: 110001687041*			

ICIS - Integrated Compliance Information System (ICIS)

A search of the ICIS database, dated Oct 15, 2022 has found that there are 1 ICIS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
VASSAR-RAWLS FUNERAL	920 21ST AVE LEWISTON ID 83501 ***Registry ID**: 110001687041*	S	0.01 / 48.34	1

MRDS - Mineral Resource Data System

A search of the MRDS database, dated Mar 15, 2016 has found that there are 4 MRDS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NORTHWEST AGGREGATES	NEZ PERCE COUNTY LEWISTON ID 83501 ***Dep ID**: 10217516*	ENE	0.20 / 1,051.90	2
CLARKSTON PIT	ASOTIN COUNTY CLARKSTON WA 99403 ***Dep ID**: 10252829*	W	0.98 / 5,194.51	10
MCGREGOR PIT	NEZ PERCE COUNTY LEWISTON ID 83501 ***Dep ID**: 10167770*	NNE	1.00 / 5,270.10	11
PAFFILE PIT	NEZ PERCE COUNTY LEWISTON ID 83501 ***Dep ID**: 10169078*	NNE	1.00 / 5,270.10	11

AFS - Air Facility System

A search of the AFS database, dated Oct 17, 2014 has found that there are 1 AFS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
VASSAR-RAWLS FUNERAL	920 21ST AVE LEWISTON ID 83501	S	0.01 / 48.34	1

State

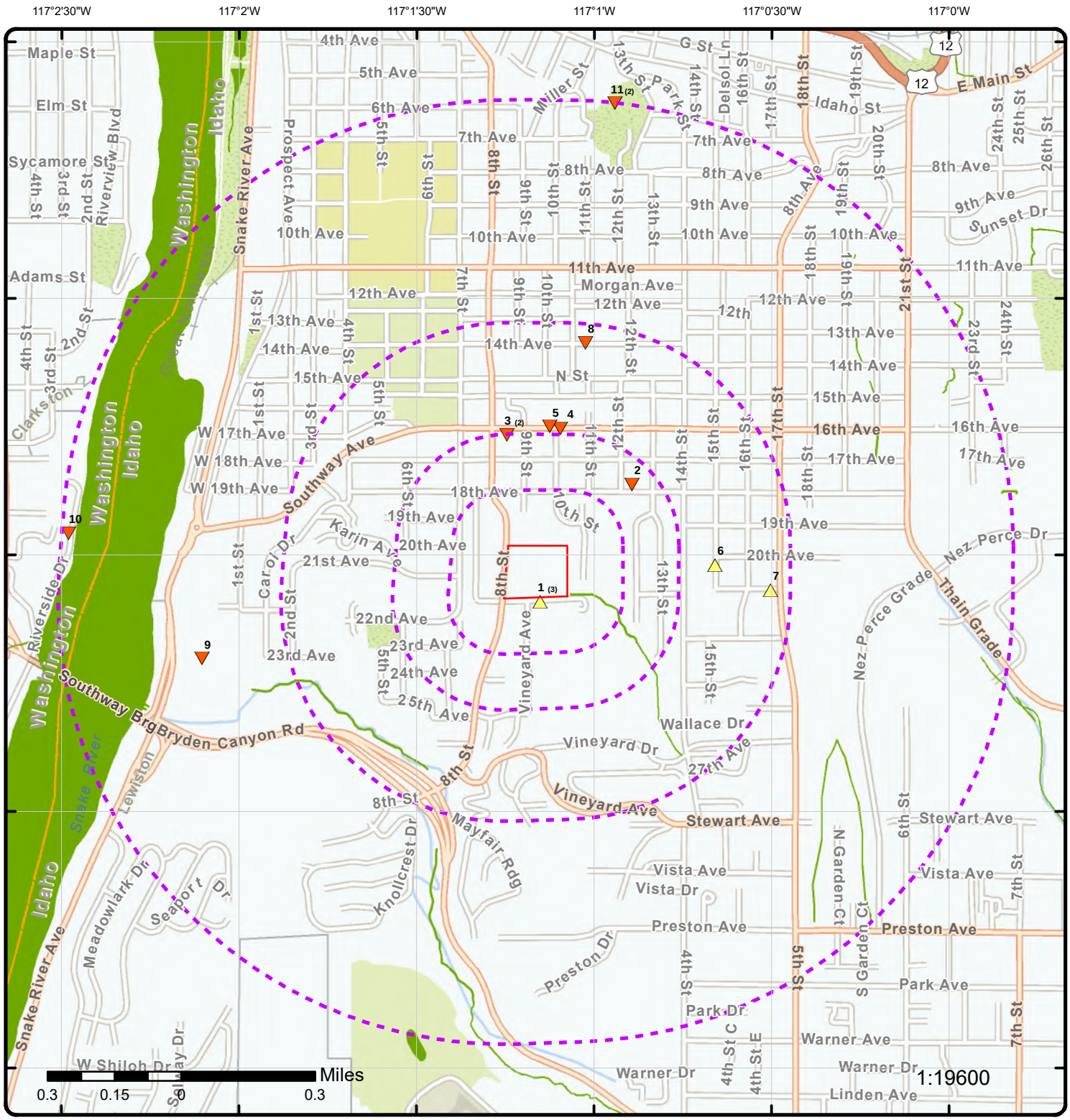
REM SITES - Remediation Site Database

A search of the REM SITES database, dated Feb 6, 2023 has found that there are 6 REM SITES site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MCSORLEY ELEMENTARY SCHOOL	2020 15TH ST LEWISTON ID	E	0.33 / 1,749.03	6
SEARS NO 7738	1900 21ST AVE LEWISTON ID	E	0.46 / 2,406.99	7

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
DYNAMART	822 16TH AVE LEWISTON ID	NNW	0.25 / 1,310.37	3
SIGN CRAFTERS INC	1006 16TH AVE LEWISTON ID	NNE	0.26 / 1,389.56	4
GUARDIAN PLUMBING HEATING & AC INC	929 16TH AVE LEWISTON ID	N	0.27 / 1,409.23	5
GARYS POOL & SPA SERVICES LLC	1113 14TH AVE LEWISTON ID	NNE	0.46 / 2,411.27	8



Map: 1.0 Mile Radius

Order Number: 23031500822

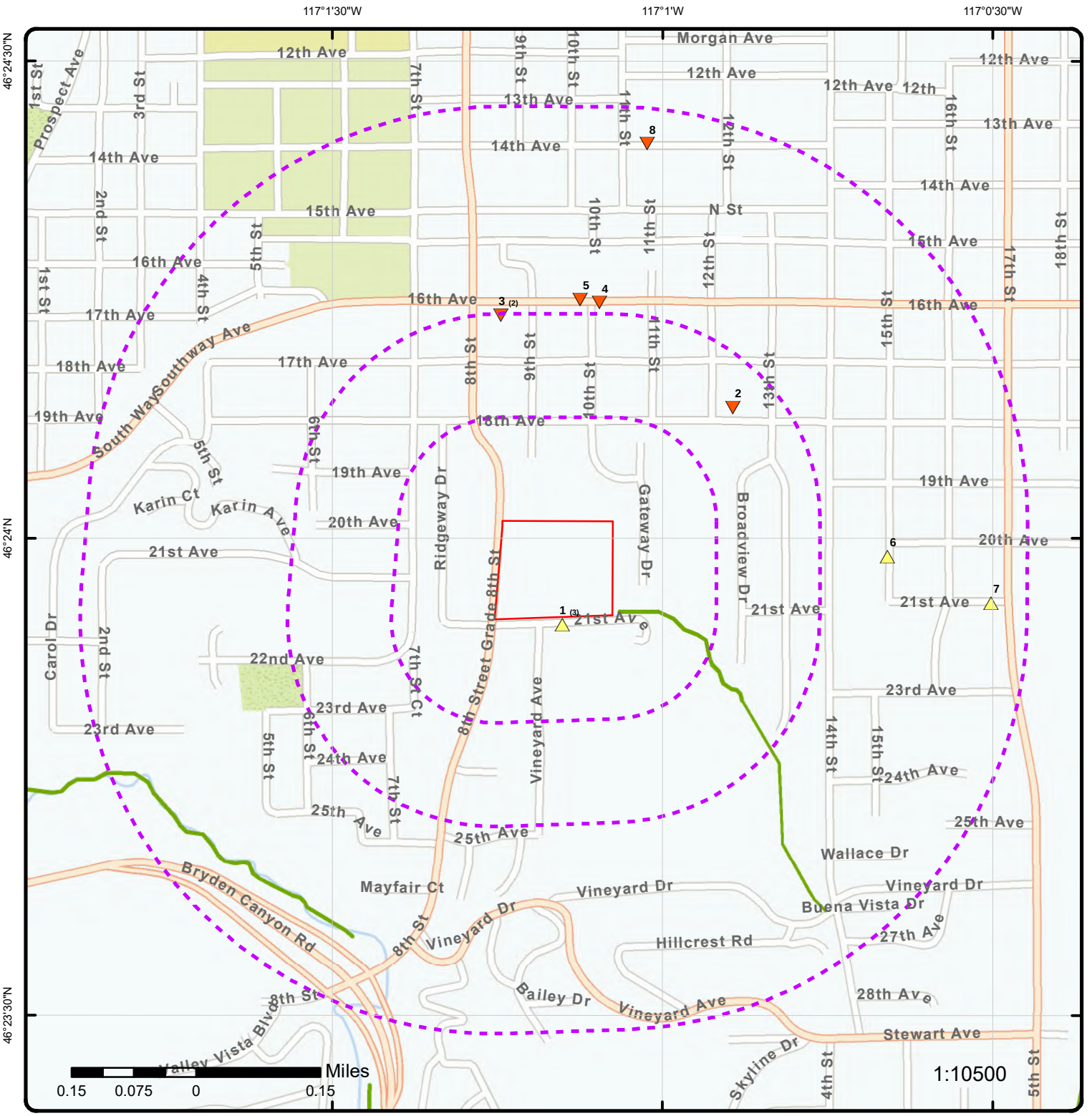
Address: 821 21st Avenue, Lewiston, ID

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.



Map: 0.5 Mile Radius

Order Number: 23031500822

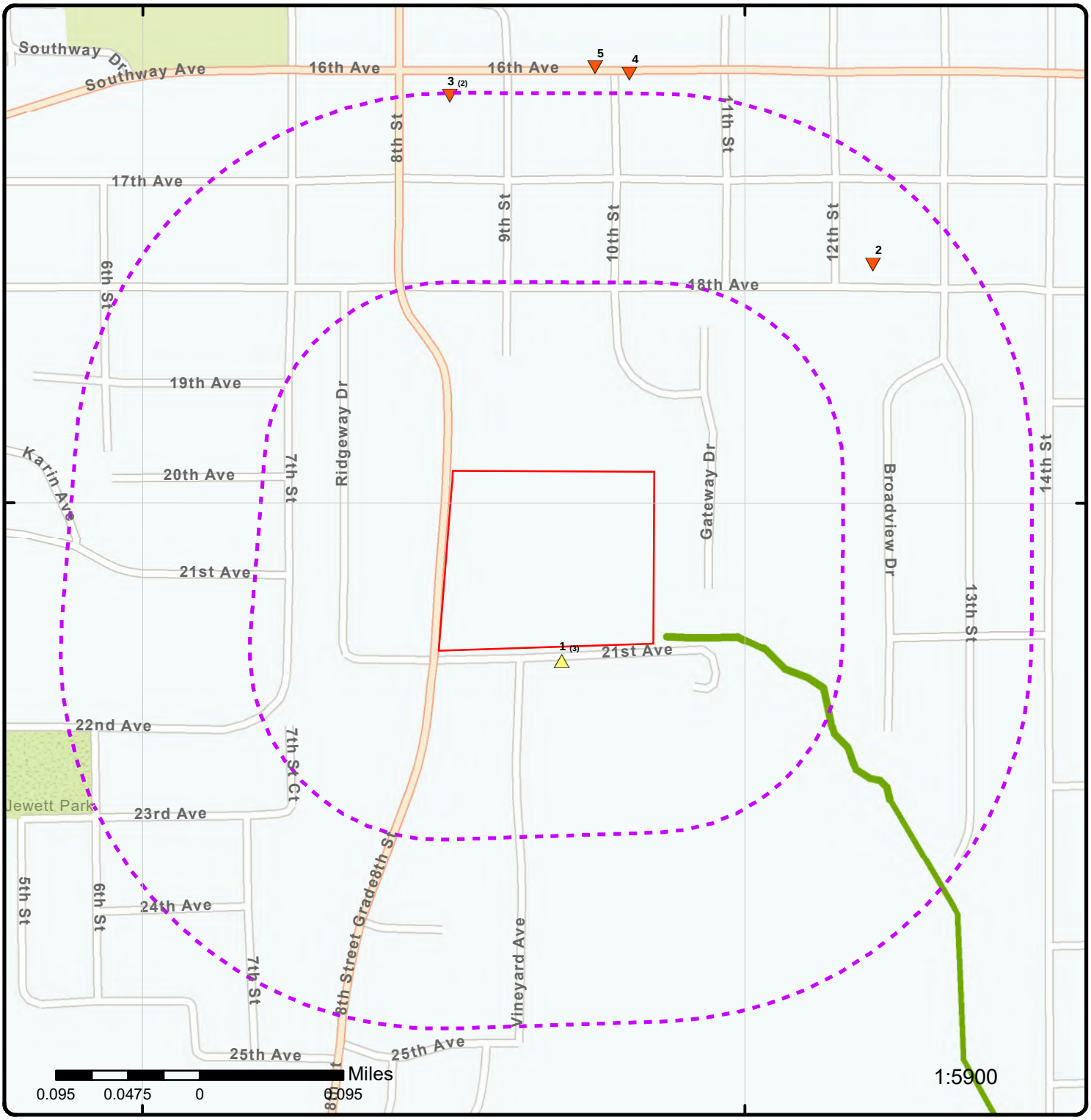
Address: 821 21st Avenue, Lewiston, ID

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.



Map: 0.25 Mile Radius

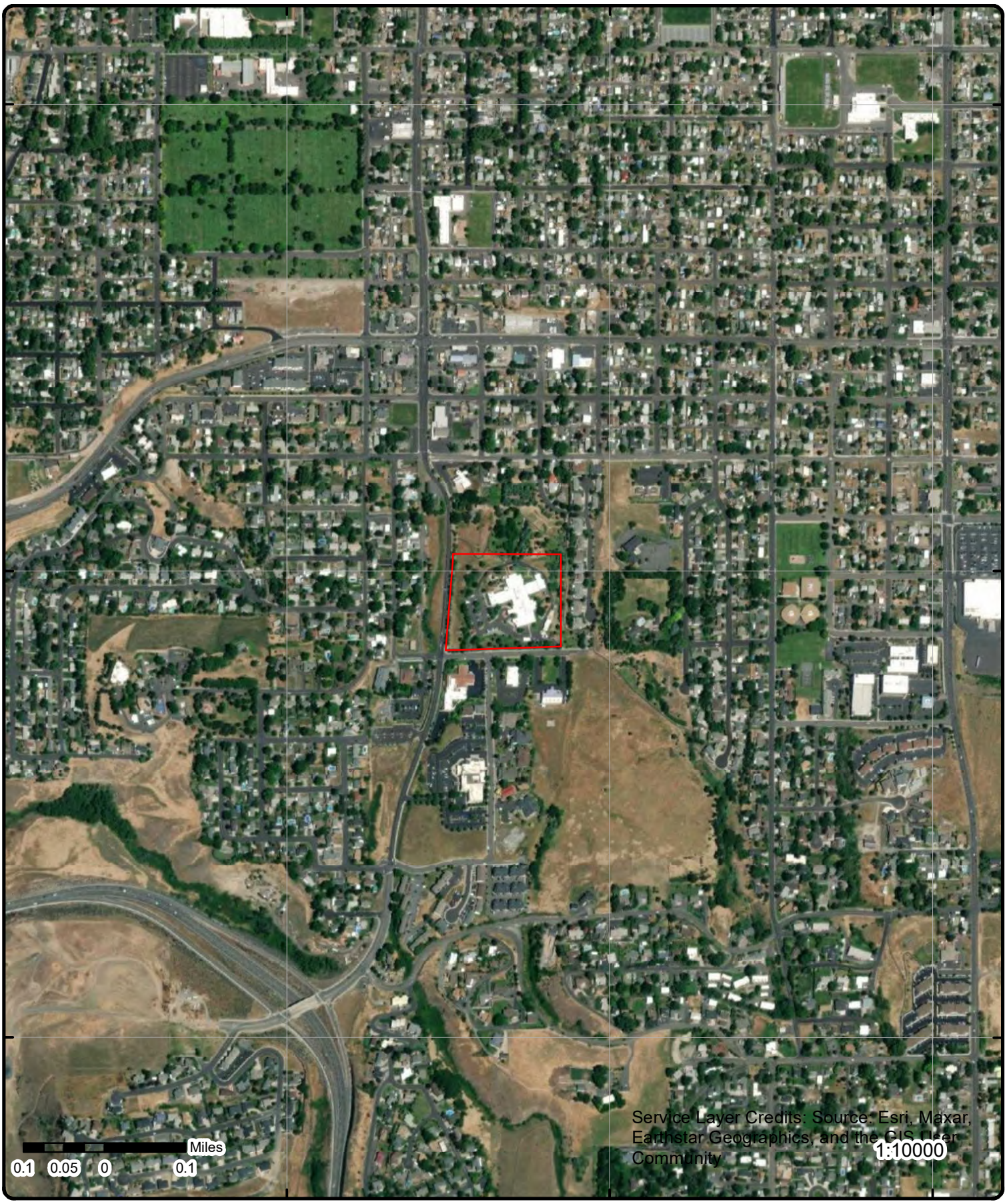
Order Number: 23031500822

Address: 821 21st Avenue, Lewiston, ID

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.



Aerial Year: 2022

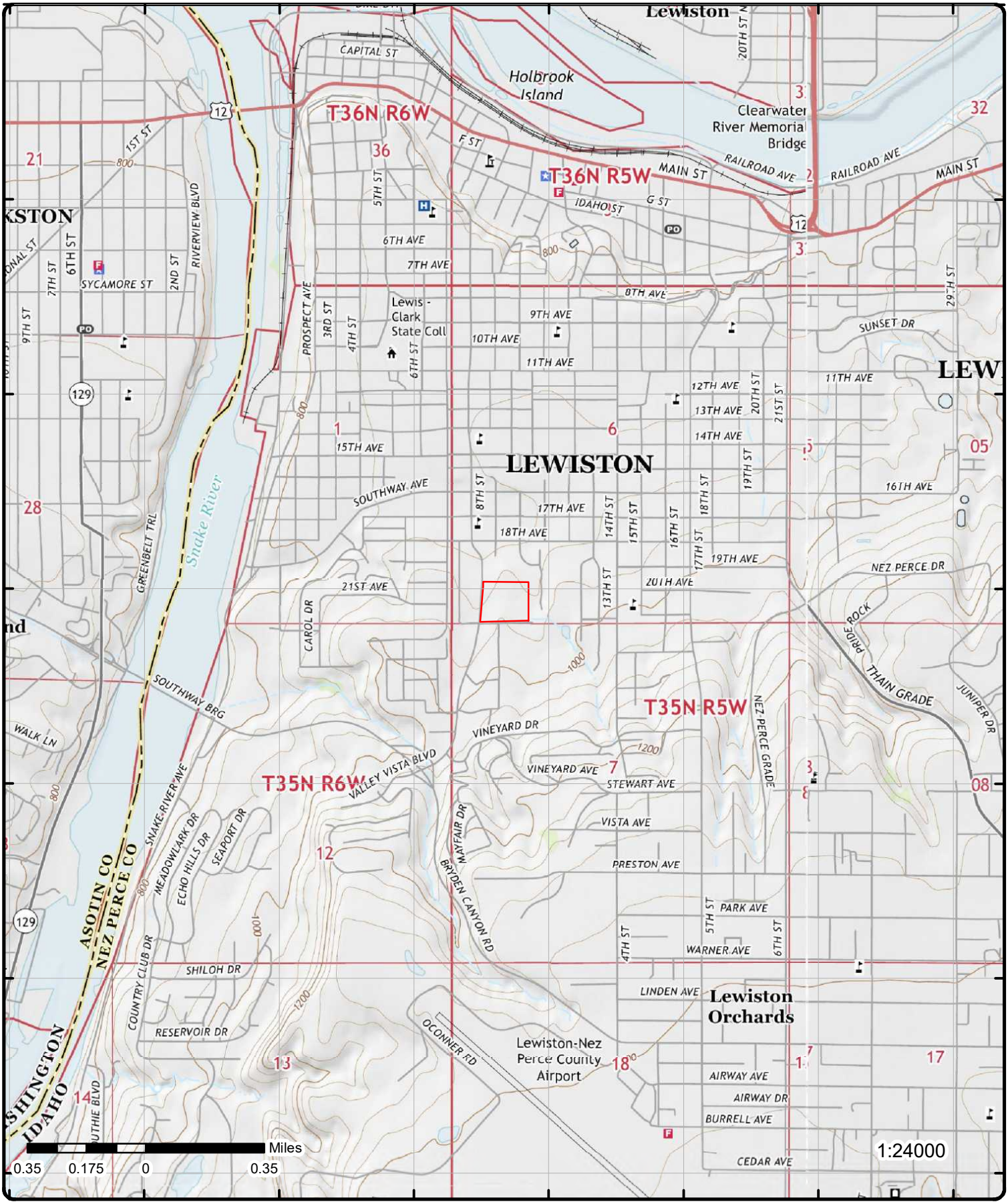
Address: 821 21st Avenue, Lewiston, ID

Source: ESRI World Imagery

Order Number: 23031500822

ERIS

© ERIS Information Inc.



Topographic Map

Year: 2017

Order Number: 23031500822

Address: 821 21st Avenue, ID

Quadrangle(s): Clarkston, WA; Lewiston Orchards South, ID; Lewiston Orchards North, ID; Asotin, WA

© ERIS Information Inc.

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 3	S	0.01 / 48.34	958.17 / 24	VASSAR RAWLS FUNERAL HOME AND CREMATORY 920 21ST AVE LEWISTON ID 83501	FINDS/FRS

Registry ID:	110001687041
FIPS Code:	16069
HUC Code:	17060103
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	01-MAR-00
Update Date:	12-DEC-17
Interest Types:	AIR MINOR, STATE MASTER
SIC Codes:	7261
SIC Code Descriptions:	FUNERAL SERVICE AND CREMATORIES
NAICS Codes:	812210
NAICS Code Descriptions:	FUNERAL HOMES AND FUNERAL SERVICES.
Conveyor:	FRS-GEOCODE
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	01
Census Block Code:	160699605002016
EPA Region Code:	10
County Name:	NEZ PERCE
US/Mexico Border Ind:	
Latitude:	46.39852
Longitude:	-117.0192
Reference Point:	CENTER OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110001687041
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

AIR:ID0000001606900014, AIRS/AFS:1606900014, IDDEQ:ID_DEQ_000222, IDDEQ:ID_DEQ_00205

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of 3	S	0.01 / 48.34	958.17 / 24	VASSAR-RAWLS FUNERAL 920 21ST AVE LEWISTON ID 83501	ICIS

EPA Region:	10	**Federal Fac ID:**	
Registry ID:	110001687041	**Tribal Land Code:**	
Pgm Sys ID:	ID0000001606900014	**County:**	Nez Perce
Pgm Sys Acrnm:	AIR	**Latitude 83:**	46.39852
Permit Type:		**Longitude 83:**	-117.0192

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	3 of 3	S	0.01 / 48.34	958.17 / 24	VASSAR-RAWLS FUNERAL 920 21ST AVE LEWISTON ID 83501	AFS

Afs ID:	1606900014	**Fed Reportable:**	No

Plant ID:	46047	**Current Hpv:**	
Epa Region:	10	**Loc Contrl Region:**	LO
Plant County:	Nez Perce	**Afs Gov Fac Code:**	0
State No:	16	**Operating Status:**	O
Primary Sic Code:	7261	**Epa Class Code:**	B
Secondary Sic Code:		**Epa Complian Stat:**	4
Naics Code:	812210	**State Comp Status:**	4

Afs Gov Facility Des: PRIVATELY OWNED/OPERATED
Operating Status Def: Operating
Epa Classification Des: Potential uncontrolled emissions <100 tons/year
Epa Compliance Status: In Compliance - Certification
State Compliance Status: In Compliance - Certification

Actions

Plant ID:	46047	**National Actn Type:**	PS
Anu1:	2	**All Air Prog Codes:**	0
Date Achieved:	20120302	**Result Code:**	19
Penalty Amount:	0	**Pollutant Code:**	
Record Updated Dt:	20120305	**Violating Poll Cds:**	
Creation Date:	20120305	**Violation Type Cds:**	
Key Action No:			
Regional Data Element:			

National Action Desc: STATE PCE/ON-SITE
All Air Program Def: 0-SIP Source
Result Def:
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	46047	**National Actn Type:**	PS
Anu1:	1	**All Air Prog Codes:**	0
Date Achieved:	20070227	**Result Code:**	19
Penalty Amount:	0	**Pollutant Code:**	
Record Updated Dt:	20070309	**Violating Poll Cds:**	
Creation Date:	20070309	**Violation Type Cds:**	
Key Action No:			
Regional Data Element:			

National Action Desc: STATE PCE/ON-SITE
All Air Program Def: 0-SIP Source
Result Def:
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Historical Compliance - Air Program Level

Air Program Code: 0
Air Program Code Ref: SIP Source
Historical Compliance Date: 0604, 0701, 0702, 0703, 0704, 0801, 0802, 0803, 0804, 0901, 0902, 0903, 0904, 1001, 1002, 1003, 1004, 1101, 1102, 1103, 1104, 1201, 1202, 1203, 1204, 1301, 1302, 1303, 1304, 1401, 1402, 1403
Historical Compliance Status: 4
Historical Compliance Stat Ref: In Compliance - Certification

Air Program

Plant ID:	46047	**Poll Classificatn:**	UK
Air Program Code:	0	**Poll Compli Status:**	4
Air Program Status:	O	**Epa Class Code:**	B
Pollutant Code:	VE	**Epa Compli Status:**	4
Chemical Abstract Service Nmbr:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Air Program Code Subparts:
Air Program Code Ref: SIP Source
Epa Classification Code Ref: Potential uncontrolled emissions <100 tons/year
Epa Compliance Status Ref: In Compliance - Certification
Pollutant Code Ref:
Pollutant Classification Ref: Unknown Pollutant Classification.
Pollutant Complian Status Ref: In Compliance - Certification

Air Program

Plant ID: 46047
Air Program Code: 0
Air Program Status: O
Pollutant Code: PT
Chemical Abstract Service Nmbr:
Poll Classificatn: B
Poll Compli Status: 4
Epa Class Code: B
Epa Compli Status: 4
Air Program Code Subparts:
Air Program Code Ref: SIP Source
Epa Classification Code Ref: Potential uncontrolled emissions <100 tons/year
Epa Compliance Status Ref: In Compliance - Certification
Pollutant Code Ref:
Pollutant Classification Ref: Potential uncontrolled emissions <100 tons/year
Pollutant Complian Status Ref: In Compliance - Certification

2	1 of 1	ENE	0.20 / 1,051.90	915.22 / -19	NORTHWEST AGGREGATES NEZ PERCE COUNTY LEWISTON ID 83501	MRDS

Dep ID: 10217516
Dev Status: PAST PRODUCER
Code List: STN
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10217516
I1: 81
Latitude: 46.402283
Longitude: -117.014893

Commodity

I1: 13
Code: STN
Commodity: Stone
Commodity Type: Non-metallic
Commodity Group: Stone
Importance: Primary
Line: 1
Inserted By: MAS migration
Insert Date: 29-OCT-2002 09:00:24
Updated By: USGS
Update Date: 29-OCT-2002 09:01:58

Names

I1: 35
Status: Current
Site Name: Northwest Aggregates
Line: 1
Inserted By: MAS migration
Insert Date: 29-OCT-02
Updated By: USGS
Update Date: 29-OCT-02

3	1 of 2	NNW	0.25 / 1,310.37	855.51 / -78	DYNAMART 822 16TH AVE LEWISTON ID	UST

Facility ID: 2-350609
Facility Type: Gas Station
Facility Status: Active
Date Certified: 09/23/1991
Facility Phone:
Facility Latitude: 46.4039
Facility Longitude: -117.02075
Facility Name: Dynamart Southway
UST Address: 822 16TH AVE
UST Address 2:
UST City: LEWISTON
1000 Ft Drnk Wtr: Yes
Program ID (Map): 2-350609
Program (Map): Underground Storage Tanks
ID (Map): 6327
Box No (Map): 2011BAZ1920
Latitude (Map): 46.4039
Longitude (Map): -117.02075

UST Zip:	83501
Fac Name (Map):	DYNAMART
Address (Map):	822 16TH AVE
City/State (Map):	LEWISTON
Facility ID (Rpt):	2-350609
Facility Name (Rpt):	Dynamart Southway
Street Address (Rpt):	822 16TH AVE
City (Rpt):	LEWISTON
Zip (Rpt):	83501
Type (Rpt):	Gas Station
Status (Rpt):	Active
No Tanks (Rpt):	4
DEQ Search Result URL:	https://www2.deq.idaho.gov/waste/ustlust/pages/FacilityInfo.aspx?id=4637
Source of Data:	Underground Storage Tank Database Reports; Waste Remediation Facility Mapper; Underground Storage Tank Database Reports - UST List

Tanks Information

Tank No:	2-350609*4	***PrimLkDetectMeth:***	Automatic Tank Gauging
Tank ID:	4	***Sec Lk Detect Meth:***	
CAS No CERCLA Nm:		***Emergency Gen:***	
Status:	Currently In Use	***ATG Make Model:***	Incon TS 1001
Closure Status:		***Install Oath Date:***	
Date Closed:		***Manifolded:***	
Date Last Used:		***Compartment:***	
A30 Day Nt Closure:		***Partially Excluded:***	
Date Installed:	01/01/1976	***Sec Tk Dbl Wall:***	Lined Interior
Capacity:	10000	***Spl Bucket Contain:***	Single-Walled
Substance:	E10 Regular	***Day Tank:***	
Inert Fill:		***Owner Atg Tank No:***	4
Site Asmt Perf:			
Install Company:	None picked yet		
Installer Name:	None picked yet		
Installation Certification:			
Prevention:	Flapper, Spill Protected		
Tank Material:	Cathodically Protected Steel (Impressed Current)		
Tank Notes:			
Tank Link:	https://www2.deq.idaho.gov/waste/ustlust/pages/AddEditTank.aspx?tankid=3040&fId=4637		

Tanks Information

Tank No:	2-350609*1	***PrimLkDetectMeth:***	Automatic Tank Gauging
Tank ID:	1	***Sec Lk Detect Meth:***	
CAS No CERCLA Nm:		***Emergency Gen:***	
Status:	Currently In Use	***ATG Make Model:***	Incon TS 1001
Closure Status:		***Install Oath Date:***	
Date Closed:		***Manifolded:***	
Date Last Used:		***Compartment:***	
A30 Day Nt Closure:		***Partially Excluded:***	
Date Installed:	01/01/1976	***Sec Tk Dbl Wall:***	Lined Interior
Capacity:	10000	***Spl Bucket Contain:***	Single-Walled
Substance:	E10 Regular	***Day Tank:***	
Inert Fill:		***Owner Atg Tank No:***	1
Site Asmt Perf:			
Install Company:	None picked yet		
Installer Name:	None picked yet		
Installation Certification:			
Prevention:	Flapper, Spill Protected		
Tank Material:	Cathodically Protected Steel (Impressed Current)		
Tank Notes:			
Tank Link:	https://www2.deq.idaho.gov/waste/ustlust/pages/AddEditTank.aspx?tankid=2978&fId=4637		

Tanks Information

Tank No:	2-350609*2	***PrimLkDetectMeth:***	Automatic Tank Gauging
Tank ID:	2	***Sec Lk Detect Meth:***	

CAS No CERCLA Nm:		***Emergency Gen:***	
Status:	Currently In Use	***ATG Make Model:***	Incon TS 1001
Closure Status:		***Install Oath Date:***	
Date Closed:		***Manifolded:***	
Date Last Used:		***Compartment:***	
A30 Day Nt Closure:		***Partially Excluded:***	
Date Installed:	01/01/1974	***Sec Tk Dbl Wall:***	Lined Interior
Capacity:	8000	***Spl Bucket Contain:***	Single-Walled
Substance:	Premium Gasoline	***Day Tank:***	
Inert Fill:		***Owner Atg Tank No:***	2
Site Asmt Perf:			
Install Company:	None picked yet		
Installer Name:	None picked yet		
Installation Certification:			
Prevention:	Flapper, Spill Protected		
Tank Material:	Cathodically Protected Steel (Impressed Current)		
Tank Notes:			
Tank Link:	https://www2.deq.idaho.gov/waste/ustlust/pages/AddEditTank.aspx?tankid=3038&fId=4637		

Tanks Information

Tank No:	2-350609*3	***PrimLkDetectMeth:***	Automatic Tank Gauging
Tank ID:	3	***Sec Lk Detect Meth:***	
CAS No CERCLA Nm:		***Emergency Gen:***	
Status:	Currently In Use	***ATG Make Model:***	Incon TS 1001
Closure Status:		***Install Oath Date:***	
Date Closed:		***Manifolded:***	
Date Last Used:		***Compartment:***	
A30 Day Nt Closure:		***Partially Excluded:***	
Date Installed:	01/01/1974	***Sec Tk Dbl Wall:***	Lined Interior
Capacity:	8000	***Spl Bucket Contain:***	Single-Walled
Substance:	Diesel	***Day Tank:***	
Inert Fill:		***Owner Atg Tank No:***	3
Site Asmt Perf:			
Install Company:	None picked yet		
Installer Name:	None picked yet		
Installation Certification:			
Prevention:	Flapper, Spill Protected		
Tank Material:	Cathodically Protected Steel (Impressed Current)		
Tank Notes:			
Tank Link:	https://www2.deq.idaho.gov/waste/ustlust/pages/AddEditTank.aspx?tankid=3039&fId=4637		

Pipes Information

Connected Tank:	2-350609*3	***Start Date:***	1/1/1974
Status:	Active	***End Date:***	
Pipe Type:	Pressurized	***LLD Make Model:***	INCON: TS-LLD
Pipe Material:	Flexible (APT)	***Construction:***	Flexible (APT)
Date Installed:	01/01/1974	***Sump Containment:***	Contained - Single Walled
Description:	3	***Description 1:***	3
Installer Name:	None picked yet	***Pipe Type 1:***	Pressurized
Installer Oath Dt:			
Installation Certification:			
Installation Company:	None picked yet		
Flex Con Fitg CP Typ:	Isolated		
Prim Leak Detect Meth:	Electronic line leak detection .2 GPH		
Sec Leak Detect Meth:	Annual Line tightness testing		
Catas Leak Detect Meth:	Electronic line leak detection 3 GPH		
Tank Connections Delete:			
Connected Tank Comment:			
Construction Details:	Double-Walled		
Pipe Link:	https://www2.deq.idaho.gov/waste/ustlust/pages/AddEditPipe.aspx?pipeid=1053&fId=4637		
Comments:			

Connected Tank:	2-350609*4	***Start Date:***	1/1/1976
Status:	Active	***End Date:***	
Pipe Type:	Pressurized	***LLD Make Model:***	INCON: TS-LLD

Pipe Material: Flexible (APT) **Construction:** Flexible (APT)
Date Installed: 01/01/1976 **Sump Containment:** Contained - Single Walled
Description: 4 **Description 1:** 4
Installer Name: None picked yet **Pipe Type 1:** Pressurized
Installer Oath Dt:
Installation Certification:
Installation Company: None picked yet
Flex Con Fitg CP Typ: Isolated
Prim Leak Detect Meth: Electronic line leak detection .2 GPH
Sec Leak Detect Meth: Annual Line tightness testing
Catas Leak Detect Meth: Electronic line leak detection 3 GPH
Tank Connections Delete:
Connected Tank Comment:
Construction Details: Double-Walled
Pipe Link: https://www2.deq.idaho.gov/waste/ustlust/pages/AddEditPipe.aspx?pipeid=1054&fId=4637
Comments:

Connected Tank: 2-350609*1 **Start Date:** 1/1/1976
Status: Active **End Date:**
Pipe Type: Pressurized **LLD Make Model:** INCON: TS-LLD
Pipe Material: Flexible (APT) **Construction:** Flexible (APT)
Date Installed: 01/01/1976 **Sump Containment:** Contained - Single Walled
Description: 1 **Description 1:** 1
Installer Name: None picked yet **Pipe Type 1:** Pressurized
Installer Oath Dt:
Installation Certification:
Installation Company: None picked yet
Flex Con Fitg CP Typ: Isolated
Prim Leak Detect Meth: Electronic line leak detection .2 GPH
Sec Leak Detect Meth: Annual Line tightness testing
Catas Leak Detect Meth: Electronic line leak detection 3 GPH
Tank Connections Delete:
Connected Tank Comment:
Construction Details: Double-Walled
Pipe Link: https://www2.deq.idaho.gov/waste/ustlust/pages/AddEditPipe.aspx?pipeid=1051&fId=4637
Comments:

Connected Tank: 2-350609*2 **Start Date:** 1/1/1974
Status: Active **End Date:**
Pipe Type: Pressurized **LLD Make Model:** INCON: TS-LLD
Pipe Material: Flexible (APT) **Construction:** Flexible (APT)
Date Installed: 01/01/1974 **Sump Containment:** Contained - Single Walled
Description: 2 **Description 1:** 2
Installer Name: None picked yet **Pipe Type 1:** Pressurized
Installer Oath Dt:
Installation Certification:
Installation Company: None picked yet
Flex Con Fitg CP Typ: Isolated
Prim Leak Detect Meth: Electronic line leak detection .2 GPH
Sec Leak Detect Meth: Annual Line tightness testing
Catas Leak Detect Meth: Electronic line leak detection 3 GPH
Tank Connections Delete:
Connected Tank Comment:
Construction Details: Double-Walled
Pipe Link: https://www2.deq.idaho.gov/waste/ustlust/pages/AddEditPipe.aspx?pipeid=1052&fId=4637
Comments:

Dispensers Information

Sump Containment: Contained - Single Walled **Start Date:**
Flex Con CP Typ: Isolated **End Date:**
Local Description: 1/2

Sump Containment: Contained - Single Walled **Start Date:**
Flex Con CP Typ: Isolated **End Date:**
Local Description: 5/6

Sump Containment: Contained - Single Walled **Start Date:**

Flex Con CP Typ: Isolated
Local Description: 7/8
End Date:

Sump Containment: Contained - Single Walled
Flex Con CP Typ: Isolated
Local Description: 3/4
Start Date:
End Date:

Inspection List Information

Inspection Date:
Prevention:
Detection: 02/06/2009
Total: No
Inspector: Gayle Osburn
Old RD: No
Old RP: Yes
CP: Inspection Not Necessary
FR: Yes
OT: Inspection Not Necessary
OV: Inspection Not Necessary
RD: Inspection Not Necessary
SP: Inspection Not Necessary
WT: Inspection Not Necessary

Inspection Date:
Prevention:
Detection: 12/08/2014
Total: Yes
Inspector: Gayle Osburn
Old RD: Yes
Old RP: Yes
CP: Inspection Not Necessary
FR: Yes
OT: Inspection Not Necessary
OV: Inspection Not Necessary
RD: Inspection Not Necessary
SP: Inspection Not Necessary
WT: Inspection Not Necessary

Inspection Date:
Prevention:
Detection: 03/12/2021
Total: Yes
Inspector: Dana Harper
Old RD: Yes
Old RP: Yes
CP: Yes
FR: Yes
OT: Yes
OV: Yes
RD: Yes
SP: Yes
WT: Yes

Inspection Date:
Prevention:
Detection: 06/18/2012
Total: No
Inspector: Gayle Osburn
Old RD: No
Old RP: Yes
CP: Inspection Not Necessary
FR: Yes
OT: Inspection Not Necessary
OV: Inspection Not Necessary
RD: Inspection Not Necessary
SP: Inspection Not Necessary
WT: Inspection Not Necessary

Inspection Date:
Prevention:
Detection: 02/08/2018
Total: Yes
Inspector: Dana Harper
Old RD: Yes
Old RP: Yes
CP: Inspection Not Necessary
FR: Yes
OT: Inspection Not Necessary
OV: Inspection Not Necessary
RD: Inspection Not Necessary
SP: Inspection Not Necessary
WT: Inspection Not Necessary

Contacts Information

Contact Type: Class A Operator
Contact Name: Mark Sater
Start Date: 04/23/2009
End Date: 10/25/2022

Contact Type: Class A Operator
Contact Name: Amy Martin
Start Date: 11/17/2022
End Date:

Contact Type: Class A Operator
Contact Name: Heather Lyda
Start Date: 11/16/2022
End Date:

Contact Type: Class A Operator

Contact Name: Russell Sater
Start Date: 11/02/2022
End Date:

Contact Type: Class A Operator
Contact Name: Jim Cach
Start Date: 10/28/2022
End Date:

Contact Type: Class B Operator
Contact Name: Mark Sater
Start Date: 04/23/2009
End Date: 10/25/2022

Contact Type: Class B Operator
Contact Name: Amy Martin
Start Date: 11/17/2022
End Date:

Contact Type: Class B Operator
Contact Name: Jim Cach
Start Date: 10/28/2022
End Date:

Contact Type: Class A Operator
Contact Name: Leigh Ann Dean
Start Date: 09/13/2016
End Date: 10/25/2022

Contact Type: Class B Operator
Contact Name: Kendahl Keifer
Start Date: 11/19/2013
End Date: 10/25/2022

Contact Type: Other
Contact Name: Patty Clausen
Start Date: 09/23/1991
End Date: 01/01/2011

Contact Type: Other
Contact Name: TIM ASKER
Start Date: 09/23/1991
End Date: 08/01/2010

Contact Type: Owner
Contact Name: COLEMAN OIL CO, LLC
Start Date: 09/23/1991
End Date:

Contact Type: Class B Operator
Contact Name: Heather Lyda
Start Date: 10/14/2016
End Date:

Contact Type: Class B Operator
Contact Name: Russell Sater
Start Date: 11/02/2022
End Date:

Financial Responsibility Information (Terradex)

Type: State Fund
Expiration Date: 07/01/2021
Site Assmnt Performed:

Terradex Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

IDEQ Prgm: UST
Status:
Mapped: https://idaho.terradex.com/?lat=46.4039&lon=-117.02075&zoom=16
Detail Link: https://terradex.com/reporting/build_lur_array_for_site_v2/view/pg_siteid/6327
Covenant:
County: Nez Perce

Active Facilities

Tnks in Use/Temp Closed: 4
Financ Responsiblity: State Fund

Terradex Underground Storage Tank Details

Program: Underground Storage Tanks
All Programs For Site: Underground Storage Tanks
County: Nez Perce
Covenant:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	2 of 2	NNW	0.25 / 1,310.37	855.51 / -78	DYNAMART 822 16TH AVE LEWISTON ID	REM SITES

Reference ID: 6327
Box No: 2011BAZ1920
County: Nez Perce
Latitude: 46.4039
Longitude: -117.02075

Details

Program: Underground Storage Tanks
All Programs for Site: Underground Storage Tanks
Covenant:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of 1	NNE	0.26 / 1,389.56	882.55 / -51	SIGN CRAFTERS INC 1006 16TH AVE LEWISTON ID	REM SITES

Reference ID: 5107
Box No: 2011BAZ5921
County: Nez Perce
Latitude: 46.403829
Longitude: -117.01804

Details

Program: RCRA Hazardous Waste Sites
All Programs for Site: RCRA Hazardous Waste Site
Covenant:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	1 of 1	N	0.27 / 1,409.23	881.82 / -52	GUARDIAN PLUMBING HEATING & AC INC 929 16TH AVE LEWISTON ID	REM SITES

Reference ID: 3635
Box No: 2011BAZ2616
County: Nez Perce
Latitude: 46.404446
Longitude: -117.018956

Details

Program: RCRA Hazardous Waste Sites
All Programs for Site: RCRA Hazardous Waste Site
Covenant:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	1 of 1	E	0.33 / 1,749.03	990.02 / 56	MCSORLEY ELEMENTARY SCHOOL	REM SITES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					2020 15TH ST LEWISTON ID	

Reference ID: 186186
Box No: 2016BAZ163
County: Nez Perce
Latitude: 46.39946
Longitude: -117.01183

Details

Program: General Remediation
All Programs for Site: General Remediation
Covenant:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	1 of 1	E	0.46 / 2,406.99	1,034.73 / 101	SEARS NO 7738 1900 21ST AVE LEWISTON ID	REM SITES

Reference ID: 5059
Box No: 2011BAZ5835
County: Nez Perce
Latitude: 46.399469
Longitude: -117.007

Details

Program: RCRA Hazardous Waste Sites
All Programs for Site: RCRA Hazardous Waste Site
Covenant:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	1 of 1	NNE	0.46 / 2,411.27	883.24 / -51	GARYS POOL & SPA SERVICES LLC 1113 14TH AVE LEWISTON ID	REM SITES

Reference ID: 3532
Box No: 2011BAZ2346
County: Nez Perce
Latitude: 46.407046
Longitude: -117.017108

Details

Program: RCRA Hazardous Waste Sites
All Programs for Site: RCRA Hazardous Waste Site
Covenant:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	1 of 1	W	0.69 / 3,644.80	782.89 / -151	FEDERAL CARTRIDGE CO CCI 2299 SNAKE RIVER AVE LEWISTON ID 83501	RCRA CORRACTS

EPA Handler ID: IDD009066481
Gen Status Universe: Large Quantity Generator
Contact Name: ROBERT BERTHIAUME
Contact Address: PO BOX 856 , , LEWISTON , ID, 83501 , US
Contact Phone No and Ext: 208-750-3161
Contact Email: ROBERT.BERTHIAUME@VISTAOUTDOOR.COM
Contact Country: US
County Name: NEZ PERCE
EPA Region: 10
Land Type: Private
Receive Date: 20220502
Location Latitude: 46.396389
Location Longitude: -117.035

Event/Area Details

Area Name: FACILITY
Event Code: CA110
Corrective Action Event Descri: INVESTIGATION WORKPLAN RECEIVED

Actual Date of Event: 19941007
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19941007
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20130122
Orig Sched Event Date: 20121130
New Sched Event Date:
Best Date: 20130122
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20190930
Orig Sched Event Date: 20190930
New Sched Event Date:
Best Date: 20190930
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20210319
Orig Sched Event Date: 20210330
New Sched Event Date:
Best Date: 20210319
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 19950929
Orig Sched Event Date: 19950929
New Sched Event Date:
Best Date: 19950929
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 19980303
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19980303

Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20040630
Orig Sched Event Date: 20040630
New Sched Event Date:
Best Date: 20040630
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20051230
Orig Sched Event Date: 20051231
New Sched Event Date:
Best Date: 20051230
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20181221
Orig Sched Event Date: 20181130
New Sched Event Date:
Best Date: 20181221
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20150528
Orig Sched Event Date: 20150630
New Sched Event Date:
Best Date: 20150528
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633S
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event: 20081209
Orig Sched Event Date: 20081231
New Sched Event Date:
Best Date: 20081209
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:

Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20120320
Orig Sched Event Date:	20111231
New Sched Event Date:	
Best Date:	20120320
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20210322
Orig Sched Event Date:	20201231
New Sched Event Date:	
Best Date:	20210322
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20090209
Orig Sched Event Date:	20090331
New Sched Event Date:	
Best Date:	20090209
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA725YE
Corrective Action Event Descri:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date of Event:	19970319
Orig Sched Event Date:	19970228
New Sched Event Date:	
Best Date:	19970319
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20010930
Orig Sched Event Date:	20010930
New Sched Event Date:	
Best Date:	20010930
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA621

Corrective Action Event Descri: FINANCIAL & LIABILITY INSURANCE RECEIVED
Actual Date of Event: 20180316
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20180316
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20020620
Orig Sched Event Date: 20020630
New Sched Event Date:
Best Date: 20020620
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20020208
Orig Sched Event Date: 20020331
New Sched Event Date:
Best Date: 20020208
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 19960621
Orig Sched Event Date: 19960629
New Sched Event Date:
Best Date: 19960621
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA470
Corrective Action Event Descri: FINANCIAL ASSURANCE FOR REMEDY DEMO
Actual Date of Event: 19980608
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19980608
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20060606
Orig Sched Event Date: 20060630
New Sched Event Date:

Best Date: 20060606
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633S
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event: 20130731
Orig Sched Event Date: 20130531
New Sched Event Date:
Best Date: 20130731
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20130628
Orig Sched Event Date: 20130630
New Sched Event Date:
Best Date: 20130628
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20200331
Orig Sched Event Date: 20200331
New Sched Event Date:
Best Date: 20200331
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20040519
Orig Sched Event Date: 20040630
New Sched Event Date:
Best Date: 20040519
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA195
Corrective Action Event Descri: INVESTIGATION PROGRESS REPORTS RECEIVED
Actual Date of Event: 19950908
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19950908
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:

Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20060407
Orig Sched Event Date: 20060630
New Sched Event Date:
Best Date: 20060407
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20061019
Orig Sched Event Date: 20061231
New Sched Event Date:
Best Date: 20061019
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 19960108
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19960108
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633
Corrective Action Event Descri:
Actual Date of Event: 20030530
Orig Sched Event Date: 20030830
New Sched Event Date:
Best Date: 20030530
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA050
Corrective Action Event Descri: RFA COMPLETED
Actual Date of Event: 19940930
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19940930
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY

Event Code: CA100
Corrective Action Event Descri: INVESTIGATION IMPOSITION
Actual Date of Event: 19940329
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19940329
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA195
Corrective Action Event Descri: INVESTIGATION PROGRESS REPORTS RECEIVED
Actual Date of Event: 19950921
Orig Sched Event Date: 19950930
New Sched Event Date:
Best Date: 19950921
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA800YE
Corrective Action Event Descri: READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE
Actual Date of Event: 20210329
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20210329
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA750YE
Corrective Action Event Descri: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date of Event: 20010404
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20010404
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20020628
Orig Sched Event Date: 20020630
New Sched Event Date:
Best Date: 20020628
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20030404
Orig Sched Event Date: 20030630

New Sched Event Date:
Best Date: 20030404
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA075ME
Corrective Action Event Descri: CA PRIORITIZATION-MEDIUM CA PRIORITY
Actual Date of Event: 19940401
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19940401
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA310
Corrective Action Event Descri: CMS SUPPLEMENTAL INFORMATION RECEIVED
Actual Date of Event: 19950224
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19950224
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633S
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event: 20050818
Orig Sched Event Date: 20050831
New Sched Event Date:
Best Date: 20050818
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20031231
Orig Sched Event Date: 20031231
New Sched Event Date:
Best Date: 20031231
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633S
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event: 20091216
Orig Sched Event Date: 20091231
New Sched Event Date:
Best Date: 20091216
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes

Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20041027
Orig Sched Event Date: 20041231
New Sched Event Date:
Best Date: 20041027
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 19971124
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19971124
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633S
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event: 20140115
Orig Sched Event Date: 20131231
New Sched Event Date:
Best Date: 20140115
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20060727
Orig Sched Event Date: 20060930
New Sched Event Date:
Best Date: 20060727
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA460
Corrective Action Event Descri: COST ESTIMATE FOR REMEDY RECEIVED
Actual Date of Event: 19990331
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19990331
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	19970620
Orig Sched Event Date:	19970630
New Sched Event Date:	
Best Date:	19970620
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20000524
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	20000524
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20081024
Orig Sched Event Date:	20081130
New Sched Event Date:	
Best Date:	20081024
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA160
Corrective Action Event Descri:	INVESTIGATION SUPPLEMENTAL INFORMATION RECEIVED
Actual Date of Event:	19950221
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19950221
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA225NR
Corrective Action Event Descri:	STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION
Actual Date of Event:	19961212
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19961212
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	19960621

Orig Sched Event Date:	19960629
New Sched Event Date:	
Best Date:	19960621
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20170322
Orig Sched Event Date:	20161231
New Sched Event Date:	
Best Date:	20170322
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20160930
Orig Sched Event Date:	20160930
New Sched Event Date:	
Best Date:	20160930
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20200930
Orig Sched Event Date:	20200930
New Sched Event Date:	
Best Date:	20200930
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA605
Corrective Action Event Descri:	INTERIM MEASURES PLAN RECEIVED
Actual Date of Event:	19951024
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19951024
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA060
Corrective Action Event Descri:	NOTICE OF CONTAMINATION
Actual Date of Event:	19941216
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19941216
Groundwater Release Indicator:	Yes

Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA500
Corrective Action Event Descri: CMI WORKPLAN APPROVED
Actual Date of Event: 19950228
Orig Sched Event Date: 19950303
New Sched Event Date:
Best Date: 19950228
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA075HI
Corrective Action Event Descri: CA PRIORITIZATION-HIGH CA PRIORITY
Actual Date of Event: 19961212
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19961212
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20040930
Orig Sched Event Date: 20040930
New Sched Event Date:
Best Date: 20040930
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20050111
Orig Sched Event Date: 20050331
New Sched Event Date:
Best Date: 20050111
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20120514
Orig Sched Event Date: 20120430
New Sched Event Date:
Best Date: 20120514
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20080421
Orig Sched Event Date: 20080630
New Sched Event Date:
Best Date: 20080421
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20120629
Orig Sched Event Date: 20120630
New Sched Event Date:
Best Date: 20120629
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20121231
Orig Sched Event Date: 20121231
New Sched Event Date:
Best Date: 20121231
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA140
Corrective Action Event Descri: INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED
Actual Date of Event: 19940915
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19940915
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA305
Corrective Action Event Descri: CMS SUPPLEMENTAL INFO REQ BY AGENCY
Actual Date of Event: 19950216
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19950216
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT

Actual Date of Event: 19980323
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19980323
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA470
Corrective Action Event Descri: FINANCIAL ASSURANCE FOR REMEDY DEMO
Actual Date of Event: 20020328
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20020328
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 19990302
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19990302
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20180126
Orig Sched Event Date: 20171130
New Sched Event Date:
Best Date: 20180126
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:
Orig Sched Event Date: 20220630
New Sched Event Date:
Best Date: 20220630
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA225NR
Corrective Action Event Descri: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION
Actual Date of Event: 19940526
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19940526

Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633S
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event: 19970325
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19970325
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA470
Corrective Action Event Descri: FINANCIAL ASSURANCE FOR REMEDY DEMO
Actual Date of Event: 19990614
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19990614
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 19981001
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19981001
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20021231
Orig Sched Event Date: 20021231
New Sched Event Date:
Best Date: 20021231
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT
Actual Date of Event: 20000301
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20000301
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:

Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20051221
Orig Sched Event Date:	20051231
New Sched Event Date:	
Best Date:	20051221
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20061019
Orig Sched Event Date:	20061231
New Sched Event Date:	
Best Date:	20061019
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20150223
Orig Sched Event Date:	20141231
New Sched Event Date:	
Best Date:	20150223
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20110307
Orig Sched Event Date:	20110331
New Sched Event Date:	
Best Date:	20110307
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA610
Corrective Action Event Descri:	INTERIM MEASURES PLAN APPROVED
Actual Date of Event:	19951122
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19951122
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA190

Corrective Action Event Descri: INVESTIGATION REPORT RECEIVED
Actual Date of Event: 19941216
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19941216
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633S
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event: 20080425
Orig Sched Event Date: 20080430
New Sched Event Date:
Best Date: 20080425
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 19981222
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19981222
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20050627
Orig Sched Event Date: 20050630
New Sched Event Date:
Best Date: 20050627
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20090528
Orig Sched Event Date: 20090430
New Sched Event Date:
Best Date: 20090528
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20090630
Orig Sched Event Date: 20090630
New Sched Event Date:

Best Date: 20090630
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA260
Corrective Action Event Descri: CMS WORKPLAN RECEIVED
Actual Date of Event: 19950203
Orig Sched Event Date: 19950207
New Sched Event Date:
Best Date: 19950203
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA200
Corrective Action Event Descri: INVESTIGATION COMPLETE
Actual Date of Event: 19960912
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19960912
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA631S
Corrective Action Event Descri: COMMENTS ISSUED ON FINANCIAL & LIABILITY INSURANCE - SATISFACTORY
Actual Date of Event: 20120516
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20120516
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 19970303
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19970303
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20030327
Orig Sched Event Date: 20030331
New Sched Event Date:
Best Date: 20030327
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:

Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA470
Corrective Action Event Descri: FINANCIAL ASSURANCE FOR REMEDY DEMO
Actual Date of Event: 20011206
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20011206
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA195
Corrective Action Event Descri: INVESTIGATION PROGRESS REPORTS RECEIVED
Actual Date of Event: 19951226
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19951226
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT
Actual Date of Event: 20001020
Orig Sched Event Date: 20000815
New Sched Event Date:
Best Date: 20001020
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20000731
Orig Sched Event Date: 20000915
New Sched Event Date:
Best Date: 20000731
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633S
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event: 20110616
Orig Sched Event Date: 20110531
New Sched Event Date:
Best Date: 20110616
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY

Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20120130
Orig Sched Event Date:	20111130
New Sched Event Date:	
Best Date:	20120130
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20131203
Orig Sched Event Date:	20131130
New Sched Event Date:	
Best Date:	20131203
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20110523
Orig Sched Event Date:	20110430
New Sched Event Date:	
Best Date:	20110523
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20190110
Orig Sched Event Date:	20181231
New Sched Event Date:	20190121
Best Date:	20190110
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20211221
Orig Sched Event Date:	20211230
New Sched Event Date:	
Best Date:	20211221
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	19990922
Orig Sched Event Date:	

New Sched Event Date:
Best Date: 19990922
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20010706
Orig Sched Event Date: 20010330
New Sched Event Date:
Best Date: 20010706
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 19970916
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19970916
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20070327
Orig Sched Event Date: 20070331
New Sched Event Date:
Best Date: 20070327
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20090930
Orig Sched Event Date: 20090930
New Sched Event Date:
Best Date: 20090930
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:
Orig Sched Event Date: 20210626
New Sched Event Date:
Best Date: 20210626
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes

Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633S
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event: 20060317
Orig Sched Event Date: 20060131
New Sched Event Date:
Best Date: 20060317
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA470
Corrective Action Event Descri: FINANCIAL ASSURANCE FOR REMEDY DEMO
Actual Date of Event: 20010329
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20010329
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20030414
Orig Sched Event Date: 20030630
New Sched Event Date:
Best Date: 20030414
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633S
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event: 20100430
Orig Sched Event Date: 20100531
New Sched Event Date:
Best Date: 20100430
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20060316
Orig Sched Event Date: 20060331
New Sched Event Date:
Best Date: 20060316
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20101129
Orig Sched Event Date:	20101130
New Sched Event Date:	
Best Date:	20101129
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20070710
Orig Sched Event Date:	20070930
New Sched Event Date:	
Best Date:	20070710
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20160301
Orig Sched Event Date:	20151130
New Sched Event Date:	
Best Date:	20160301
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20130930
Orig Sched Event Date:	20130930
New Sched Event Date:	
Best Date:	20130930
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20160422
Orig Sched Event Date:	20151231
New Sched Event Date:	
Best Date:	20160422
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20200218

Orig Sched Event Date: 20191231
New Sched Event Date:
Best Date: 20200218
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20080331
Orig Sched Event Date: 20080331
New Sched Event Date:
Best Date: 20080331
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20110630
Orig Sched Event Date: 20110630
New Sched Event Date:
Best Date: 20110630
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633
Corrective Action Event Descri:
Actual Date of Event: 20040126
Orig Sched Event Date: 20040229
New Sched Event Date:
Best Date: 20040126
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20030908
Orig Sched Event Date: 20030930
New Sched Event Date:
Best Date: 20030908
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 19980615
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19980615
Groundwater Release Indicator: Yes

Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20180629
Orig Sched Event Date: 20180630
New Sched Event Date:
Best Date: 20180629
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20201230
Orig Sched Event Date: 20201230
New Sched Event Date:
Best Date: 20201230
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA470
Corrective Action Event Descri: FINANCIAL ASSURANCE FOR REMEDY DEMO
Actual Date of Event: 19970319
Orig Sched Event Date: 19970530
New Sched Event Date:
Best Date: 19970319
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA110
Corrective Action Event Descri: INVESTIGATION WORKPLAN RECEIVED
Actual Date of Event: 19940822
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19940822
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20050711
Orig Sched Event Date: 20050630
New Sched Event Date:
Best Date: 20050711
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633S
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event: 20120726
Orig Sched Event Date: 20120531
New Sched Event Date:
Best Date: 20120726
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20100331
Orig Sched Event Date: 20100430
New Sched Event Date:
Best Date: 20100331
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 19990930
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19990930
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20100216
Orig Sched Event Date: 20100331
New Sched Event Date:
Best Date: 20100216
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20100930
Orig Sched Event Date: 20100930
New Sched Event Date:
Best Date: 20100930
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT

Actual Date of Event:	20140919
Orig Sched Event Date:	20140930
New Sched Event Date:	
Best Date:	20140919
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20161230
Orig Sched Event Date:	20161231
New Sched Event Date:	
Best Date:	20161230
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20210903
Orig Sched Event Date:	20210930
New Sched Event Date:	
Best Date:	20210903
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA725YE
Corrective Action Event Descri:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date of Event:	20010404
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	20010404
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20011107
Orig Sched Event Date:	20011231
New Sched Event Date:	
Best Date:	20011107
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA075HI
Corrective Action Event Descri:	CA PRIORITIZATION-HIGH CA PRIORITY
Actual Date of Event:	19941216
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19941216

Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20070426
Orig Sched Event Date:	20070430
New Sched Event Date:	
Best Date:	20070426
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT
Actual Date of Event:	19990430
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19990430
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	19980509
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19980509
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20191230
Orig Sched Event Date:	20191130
New Sched Event Date:	
Best Date:	20191230
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20220121
Orig Sched Event Date:	20211130
New Sched Event Date:	
Best Date:	20220121
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	

Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA550
Corrective Action Event Descri:	REMEDY CONSTRUCTION
Actual Date of Event:	19970102
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19970102
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA750YE
Corrective Action Event Descri:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date of Event:	19970319
Orig Sched Event Date:	19970228
New Sched Event Date:	
Best Date:	19970319
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	19960628
Orig Sched Event Date:	19960628
New Sched Event Date:	
Best Date:	19960628
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA633
Corrective Action Event Descri:	
Actual Date of Event:	20040525
Orig Sched Event Date:	20040831
New Sched Event Date:	
Best Date:	20040525
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20070813
Orig Sched Event Date:	20071031
New Sched Event Date:	
Best Date:	20070813
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA633

Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT
Actual Date of Event:	20010815
Orig Sched Event Date:	20010630
New Sched Event Date:	20010630
Best Date:	20010815
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20180305
Orig Sched Event Date:	20171231
New Sched Event Date:	
Best Date:	20180305
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	19991222
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19991222
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20071120
Orig Sched Event Date:	20071231
New Sched Event Date:	
Best Date:	20071120
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20150109
Orig Sched Event Date:	20141130
New Sched Event Date:	
Best Date:	20150109
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20160331
Orig Sched Event Date:	20160331
New Sched Event Date:	

Best Date:	20160331
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20170929
Orig Sched Event Date:	20170930
New Sched Event Date:	
Best Date:	20170929
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA637
Corrective Action Event Descri:	COMMENTS ISSUED ON COMPLIANCE SCHEDULE ACTIVITY REPORT
Actual Date of Event:	19960121
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19960121
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA460
Corrective Action Event Descri:	COST ESTIMATE FOR REMEDY RECEIVED
Actual Date of Event:	19970204
Orig Sched Event Date:	19970228
New Sched Event Date:	
Best Date:	19970204
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633
Corrective Action Event Descri:	
Actual Date of Event:	20020128
Orig Sched Event Date:	20020201
New Sched Event Date:	
Best Date:	20020128
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA150
Corrective Action Event Descri:	INVESTIGATION WORKPLAN APPROVED
Actual Date of Event:	19950327
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19950327
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	

Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 19990630
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19990630
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20130417
Orig Sched Event Date: 20130430
New Sched Event Date:
Best Date: 20130417
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20080930
Orig Sched Event Date: 20080930
New Sched Event Date:
Best Date: 20080930
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20101102
Orig Sched Event Date: 20101231
New Sched Event Date:
Best Date: 20101102
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA772EP
Corrective Action Event Descri: INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Actual Date of Event: 19940329
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19940329
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY

Event Code:	CA402
Corrective Action Event Descri:	PUBLIC NOTICE COMMENTS ADDRESSED
Actual Date of Event:	19970102
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19970102
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA190
Corrective Action Event Descri:	INVESTIGATION REPORT RECEIVED
Actual Date of Event:	19960809
Orig Sched Event Date:	19960930
New Sched Event Date:	
Best Date:	19960809
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA140
Corrective Action Event Descri:	INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED
Actual Date of Event:	19940915
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19940915
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT
Actual Date of Event:	19971118
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19971118
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20140717
Orig Sched Event Date:	20140430
New Sched Event Date:	
Best Date:	20140717
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20100630
Orig Sched Event Date:	20100630

New Sched Event Date:
Best Date: 20100630
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT
Actual Date of Event: 19980325
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19980325
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20041206
Orig Sched Event Date: 20041231
New Sched Event Date:
Best Date: 20041206
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20070226
Orig Sched Event Date: 20070331
New Sched Event Date:
Best Date: 20070226
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20081231
Orig Sched Event Date: 20081231
New Sched Event Date:
Best Date: 20081231
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20140303
Orig Sched Event Date: 20140331
New Sched Event Date:
Best Date: 20140303
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes

Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA010
Corrective Action Event Descri: RFA INITIATION
Actual Date of Event: 19930406
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19930406
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA150
Corrective Action Event Descri: INVESTIGATION WORKPLAN APPROVED
Actual Date of Event: 19941024
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19941024
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA155
Corrective Action Event Descri: INVESTIGATION SUPPLEMENTAL INFO REQ BY AGENCY
Actual Date of Event: 19951026
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19951026
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA770GW
Corrective Action Event Descri: ENGINEERING CONTROLS ESTABLISHED-GROUNDWATER CONTROL
Actual Date of Event: 19940329
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19940329
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA140
Corrective Action Event Descri: INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED
Actual Date of Event: 19950121
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19950121
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name:	FACILITY
Event Code:	CA180
Corrective Action Event Descri:	INVESTIGATION IMPLEMENTATION BEGUN
Actual Date of Event:	19941121
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19941121
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	19970327
Orig Sched Event Date:	19970331
New Sched Event Date:	
Best Date:	19970327
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	19961218
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19961218
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20050928
Orig Sched Event Date:	20050930
New Sched Event Date:	
Best Date:	20050928
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20140908
Orig Sched Event Date:	20140531
New Sched Event Date:	20140831
Best Date:	20140908
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA375
Corrective Action Event Descri:	INTERIM DECISION FOR NO FURTHER ACTION
Actual Date of Event:	19950823

Orig Sched Event Date:
New Sched Event Date:
Best Date: 19950823
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA621
Corrective Action Event Descri: FINANCIAL & LIABILITY INSURANCE RECEIVED
Actual Date of Event: 20120419
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20120419
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20011205
Orig Sched Event Date: 20011231
New Sched Event Date:
Best Date: 20011205
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA180
Corrective Action Event Descri: INVESTIGATION IMPLEMENTATION BEGUN
Actual Date of Event: 19950223
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19950223
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20160630
Orig Sched Event Date: 20160630
New Sched Event Date:
Best Date: 20160630
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA631S
Corrective Action Event Descri: COMMENTS ISSUED ON FINANCIAL & LIABILITY INSURANCE - SATISFACTORY
Actual Date of Event: 20180323
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20180323
Groundwater Release Indicator: Yes

Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633
Corrective Action Event Descri:
Actual Date of Event: 20021122
Orig Sched Event Date: 20030228
New Sched Event Date:
Best Date: 20021122
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633S
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event: 20070813
Orig Sched Event Date: 20070731
New Sched Event Date:
Best Date: 20070813
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20080226
Orig Sched Event Date: 20080331
New Sched Event Date:
Best Date: 20080226
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20091120
Orig Sched Event Date: 20091130
New Sched Event Date:
Best Date: 20091120
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 19980930
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19980930
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20170119
Orig Sched Event Date: 20161130
New Sched Event Date:
Best Date: 20170119
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20120928
Orig Sched Event Date: 20120930
New Sched Event Date:
Best Date: 20120928
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20130329
Orig Sched Event Date: 20130331
New Sched Event Date:
Best Date: 20130329
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA075LO
Corrective Action Event Descri: CA PRIORITIZATION-LOW CA PRIORITY
Actual Date of Event: 19930603
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19930603
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: FACILITY
Event Code: CA633
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT
Actual Date of Event: 19960724
Orig Sched Event Date: 19960815
New Sched Event Date:
Best Date: 19960724
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT

Actual Date of Event:	19960717
Orig Sched Event Date:	19960928
New Sched Event Date:	
Best Date:	19960717
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA470
Corrective Action Event Descri:	FINANCIAL ASSURANCE FOR REMEDY DEMO
Actual Date of Event:	20030327
Orig Sched Event Date:	20030331
New Sched Event Date:	
Best Date:	20030327
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20070723
Orig Sched Event Date:	20070630
New Sched Event Date:	
Best Date:	20070723
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20070723
Orig Sched Event Date:	20070930
New Sched Event Date:	
Best Date:	20070723
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20130204
Orig Sched Event Date:	20121231
New Sched Event Date:	
Best Date:	20130204
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	19980314
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19980314

Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20210316
Orig Sched Event Date: 20201130
New Sched Event Date:
Best Date: 20210316
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20111230
Orig Sched Event Date: 20111231
New Sched Event Date:
Best Date: 20111230
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20150930
Orig Sched Event Date: 20150930
New Sched Event Date:
Best Date: 20150930
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 19990407
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19990407
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA470
Corrective Action Event Descri: FINANCIAL ASSURANCE FOR REMEDY DEMO
Actual Date of Event: 20020301
Orig Sched Event Date: 20020331
New Sched Event Date:
Best Date: 20020301
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:

Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA633
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT
Actual Date of Event:	20010223
Orig Sched Event Date:	20001231
New Sched Event Date:	
Best Date:	20010223
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA026
Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20170630
Orig Sched Event Date:	20170630
New Sched Event Date:	
Best Date:	20170630
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA110
Corrective Action Event Descri:	INVESTIGATION WORKPLAN RECEIVED
Actual Date of Event:	19950221
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19950221
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20071106
Orig Sched Event Date:	20071231
New Sched Event Date:	
Best Date:	20071106
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20220307
Orig Sched Event Date:	20211231
New Sched Event Date:	
Best Date:	20220307
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	FACILITY
Event Code:	CA026

Corrective Action Event Descri:	CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:	20091231
Orig Sched Event Date:	20091231
New Sched Event Date:	
Best Date:	20091231
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA180
Corrective Action Event Descri:	INVESTIGATION IMPLEMENTATION BEGUN
Actual Date of Event:	19950412
Orig Sched Event Date:	19950412
New Sched Event Date:	
Best Date:	19950412
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA110
Corrective Action Event Descri:	INVESTIGATION WORKPLAN RECEIVED
Actual Date of Event:	19950117
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19950117
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA623
Corrective Action Event Descri:	GROUNDWATER REPORT RECEIVED
Actual Date of Event:	20021107
Orig Sched Event Date:	20021231
New Sched Event Date:	
Best Date:	20021107
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633U
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - UNSATISFACTORY, REVISIONS NEEDED
Actual Date of Event:	20060808
Orig Sched Event Date:	20060831
New Sched Event Date:	
Best Date:	20060808
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20061121
Orig Sched Event Date:	20070131
New Sched Event Date:	

Best Date:	20061121
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA110
Corrective Action Event Descri:	INVESTIGATION WORKPLAN RECEIVED
Actual Date of Event:	19950221
Orig Sched Event Date:	19950221
New Sched Event Date:	
Best Date:	19950221
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA150
Corrective Action Event Descri:	INVESTIGATION WORKPLAN APPROVED
Actual Date of Event:	19950127
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19950127
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20090721
Orig Sched Event Date:	20090531
New Sched Event Date:	
Best Date:	20090721
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA633S
Corrective Action Event Descri:	COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event:	20101208
Orig Sched Event Date:	20101231
New Sched Event Date:	
Best Date:	20101208
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	FACILITY
Event Code:	CA626
Corrective Action Event Descri:	CORRECTIVE MEASURES PROGRESS REPORT RECEIVED
Actual Date of Event:	19960325
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19960325
Groundwater Release Indicator:	Yes
Soil Release Indicator:	Yes
Air Release Indicator:	

Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA110
Corrective Action Event Descri: INVESTIGATION WORKPLAN RECEIVED
Actual Date of Event: 19940822
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19940822
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA370
Corrective Action Event Descri: PETITION FOR NO FUR. ACTION RECEIPT DATE
Actual Date of Event: 19950728
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19950728
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA400
Corrective Action Event Descri: REMEDY DECISION
Actual Date of Event: 19970102
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19970102
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA140
Corrective Action Event Descri: INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED
Actual Date of Event: 19950207
Orig Sched Event Date: 19950210
New Sched Event Date:
Best Date: 19950207
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA195
Corrective Action Event Descri: INVESTIGATION PROGRESS REPORTS RECEIVED
Actual Date of Event: 19960326
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19960326
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY

Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20120222
Orig Sched Event Date: 20120331
New Sched Event Date:
Best Date: 20120222
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20170320
Orig Sched Event Date: 20170331
New Sched Event Date:
Best Date: 20170320
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20200420
Orig Sched Event Date: 20200630
New Sched Event Date:
Best Date: 20200420
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event:
Orig Sched Event Date: 20220930
New Sched Event Date:
Best Date: 20220930
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20110930
Orig Sched Event Date: 20110930
New Sched Event Date:
Best Date: 20110930
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20171231
Orig Sched Event Date: 20180331

New Sched Event Date: 20171231
Best Date: 20171231
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20190628
Orig Sched Event Date: 20190630
New Sched Event Date:
Best Date: 20190628
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA380
Corrective Action Event Descri: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY
Actual Date of Event: 19961030
Orig Sched Event Date: 19961030
New Sched Event Date:
Best Date: 19961030
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA637
Corrective Action Event Descri: COMMENTS ISSUED ON COMPLIANCE SCHEDULE ACTIVITY REPORT
Actual Date of Event: 19960122
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19960122
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA150
Corrective Action Event Descri: INVESTIGATION WORKPLAN APPROVED
Actual Date of Event: 19950327
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19950327
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633
Corrective Action Event Descri:
Actual Date of Event: 20020722
Orig Sched Event Date: 20020831
New Sched Event Date:
Best Date: 20020722
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes

Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 19970818
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19970818
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT
Actual Date of Event: 19981217
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19981217
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA623
Corrective Action Event Descri: GROUNDWATER REPORT RECEIVED
Actual Date of Event: 20031211
Orig Sched Event Date: 20031231
New Sched Event Date:
Best Date: 20031211
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633
Corrective Action Event Descri:
Actual Date of Event: 20050209
Orig Sched Event Date: 20050131
New Sched Event Date:
Best Date: 20050209
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA633S
Corrective Action Event Descri: COMMENTS ISSUED ON GW REPORT - SATISFACTORY
Actual Date of Event: 20071211
Orig Sched Event Date: 20080131
New Sched Event Date:
Best Date: 20071211
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20040331
Orig Sched Event Date: 20040331
New Sched Event Date:
Best Date: 20040331
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20070629
Orig Sched Event Date: 20070630
New Sched Event Date:
Best Date: 20070629
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20020930
Orig Sched Event Date: 20020930
New Sched Event Date:
Best Date: 20020930
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20150304
Orig Sched Event Date: 20150331
New Sched Event Date:
Best Date: 20150304
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: FACILITY
Event Code: CA026
Corrective Action Event Descri: CORRECTIVE ACTION OVERSIGHT
Actual Date of Event: 20180928
Orig Sched Event Date: 20180930
New Sched Event Date:
Best Date: 20180928
Groundwater Release Indicator: Yes
Soil Release Indicator: Yes
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with

this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jan, 2023.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19850722
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19870106
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19851115
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount: 22500
Final Amount: 22500
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19900801
Scheduled Compliance Date: 19900930
Return to Compliance: Observed
Actual Return to Compl: 19900930
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19900803
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19860610
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19911223
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19911223
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19841218
Scheduled Compliance Date: 19851208
Return to Compliance: Observed
Actual Return to Compl: 19851202
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19851030
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount: 25000
Final Amount: 25000
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19881116
Scheduled Compliance Date: 19890323
Return to Compliance: Observed
Actual Return to Compl: 19890315
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19890303
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes

Citation:
Violation Short Description: TSD - Closure/Post-Closure
Violation Type: 264.G
Violation Determined Date: 19881221
Scheduled Compliance Date: 19890323
Return to Compliance: Observed
Actual Return to Compl: 19890315
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19890303
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20191105
Scheduled Compliance Date: 20200503
Return to Compliance: Documented
Actual Return to Compl: 20191106
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20200304
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20200304
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 16.01.05008
Violation Short Description: Permits - Application
Violation Type: 270.B
Violation Determined Date: 19930414
Scheduled Compliance Date: 19930504
Return to Compliance: Observed
Actual Return to Compl: 19930526
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19930419
Enf Disposition Status:

Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 16.01.05008 PLAN G-7
Violation Short Description: Permits - Application
Violation Type: 270.B
Violation Determined Date: 19930414
Scheduled Compliance Date: 19930504
Return to Compliance: Observed
Actual Return to Compl: 19930429
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19930419
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 40 CFR 264.101(a)
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19940122
Scheduled Compliance Date: 19940129
Return to Compliance: Documented
Actual Return to Compl: 19940329
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19940329
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19841218
Scheduled Compliance Date:
Return to Compliance: Observed

Actual Return to Compl: 19851202
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 19850430
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19881116
Scheduled Compliance Date: 19890323
Return to Compliance: Observed
Actual Return to Compl: 19890315
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19890303
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 16.01.05088
Violation Short Description: Permits - Application
Violation Type: 270.B
Violation Determined Date: 19930414
Scheduled Compliance Date: 19930504
Return to Compliance: Observed
Actual Return to Compl: 19930429
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19930419
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19860610
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19911223
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19911223
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19900612
Scheduled Compliance Date: 19900930
Return to Compliance: Observed
Actual Return to Compl: 19900830
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19900830
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19911101
Scheduled Compliance Date: 19920109
Return to Compliance: Observed
Actual Return to Compl: 19920109
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19911219
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19850722
Scheduled Compliance Date: 19870106
Return to Compliance: Observed
Actual Return to Compl: 19870106
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19870106
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount: 16875
Final Amount: 16875
Paid Amount:

Evaluation Details

Evaluation Start Date: 19850722
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: TSD - General
Return to Compliance Date: 19870106
Evaluation Agency: EPA

Evaluation Start Date: 20030917
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20091026
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19841218
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19851202
Evaluation Agency: State

Evaluation Start Date: 20140318
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20140917
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19990721
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20200406
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20070221
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20070731
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19831102
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19860610
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19911223
Evaluation Agency: State

Evaluation Start Date: 20120216
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20200901
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20120330
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20191105
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 20191106
Evaluation Agency: State

Evaluation Start Date: 19860610
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19911223
Evaluation Agency: State

Evaluation Start Date: 20101115
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20070726
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20160913
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19900612
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description: TSD - General
Return to Compliance Date: 19900830
Evaluation Agency: State

Evaluation Start Date: 20080128
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19881116
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19890315
Evaluation Agency: State

Evaluation Start Date: 20000627
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation Start Date: 19891002
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20140728
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19900801
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description: TSD - General
Return to Compliance Date: 19900930
Evaluation Agency: State

Evaluation Start Date: 20110216
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20150520
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19840605
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19890822
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19840208
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20180926
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20000628
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19910924
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19920109
Evaluation Agency: EPA

Evaluation Start Date: 19930127
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Permits - Application
Return to Compliance Date: 19930526
Evaluation Agency: State

Evaluation Start Date: 19900821
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20221005
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19881116
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19890315
Evaluation Agency: State

Evaluation Start Date: 20090129
Evaluation Type Description: FINANCIAL RECORD REVIEW

Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20060921
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19881221
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Closure/Post-Closure
Return to Compliance Date: 19890315
Evaluation Agency: State

Evaluation Start Date: 20110217
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20130221
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19831213
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19930127
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Permits - Application
Return to Compliance Date: 19930429
Evaluation Agency: State

Evaluation Start Date: 20060223
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19870811
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19930802
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19940329
Evaluation Agency: State

Evaluation Start Date: 20080229
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20090224
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20030917
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20010807
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20010914
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20120330
Handler Name: ATK AMMUNITION CCI SPEER - CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20150717
Handler Name: FEDERAL CARTRIDGE CO CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 19960229
Handler Name: BLOUNT INC CCI OPER
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20220502
Handler Name: FEDERAL CARTRIDGE CO CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20120224
Handler Name: ATK AMMUNITION ACCESSORIES INC CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004,

AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20200302
Handler Name: FEDERAL CARTRIDGE CO CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F003

Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 9
Receive Date: 20060223
Handler Name: AMMUNITION ACCESSORIES INC. - CCI
Federal Waste Generator Code: 1

Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008

Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20000228
Handler Name: BLOUNT INC - CCI OPERATIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19910314
Handler Name: AMMUNITION ACCESSORIES INC CCI
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Part A

Waste Code Details

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K044
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING AND PROCESSING OF EXPLOSIVES.

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20100322
Handler Name: AMMUNITION ACCESSORIES INC CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008

Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Code: P030
Waste Code Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Handler Details

Sequence No: 1

Receive Date: 19910314
Handler Name: AMMUNITION ACCESSORIES INC CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 19940224
Handler Name: BLOUNT INC CCI OPER
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20140218
Handler Name: ATK AMMUNITION CCI SPEER - CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D004

Waste Code Description: ARSENIC

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20090309
Handler Name: AMMUNITION ACCESSORIES INC CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20040226
Handler Name: AMMUNITION ACCESSORIES INC CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20160222
Handler Name: FEDERAL CARTRIDGE CO CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT

SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20141021
Handler Name: FEDERAL CARTRIDGE CO CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19800716
Handler Name: AMMUNITION ACCESSORIES INC CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20020111
Handler Name: AMMUNITION ACCESSORIES INC CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY

VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Code: P030
Waste Code Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Hazardous Waste Code: P106
Waste Code Description: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Hazardous Waste Code: U201
Waste Code Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K044
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING AND PROCESSING OF EXPLOSIVES.

Hazardous Waste Code: P029
Waste Code Description: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

Hazardous Waste Code: P098
Waste Code Description: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20171127
Handler Name: FEDERAL CARTRIDGE CO CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING,

BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20180921
Handler Name: FEDERAL CARTRIDGE CO CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20080225
Handler Name: AMMUNITION ACCESSORIES INC CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003

Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F006
Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Hazardous Waste Code:	F007
Waste Code Description:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
Hazardous Waste Code:	F009
Waste Code Description:	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	D003
Waste Code Description:	REACTIVE WASTE
Hazardous Waste Code:	D007
Waste Code Description:	CHROMIUM
Hazardous Waste Code:	D009
Waste Code Description:	MERCURY
Hazardous Waste Code:	D035
Waste Code Description:	METHYL ETHYL KETONE
Hazardous Waste Code:	D040
Waste Code Description:	TRICHLORETHYLENE
Hazardous Waste Code:	F005
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F008
Waste Code Description:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Hazardous Waste Code:	K046
Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Handler Details

Sequence No:	6
Receive Date:	20180226
Handler Name:	FEDERAL CARTRIDGE CO CCI
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code:	D002
Waste Code Description:	CORROSIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19920225
Handler Name: BLOUNT INC CCI OPER
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20020227
Handler Name: AMMUNITION ACCESSORIES INC CCI
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F008
Waste Code Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K046
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F007
Waste Code Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900212
Handler Name: BLOUNT INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 19980702
Handler Name: BLOUNT INC-SEG-CCI OPERATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	PO BOX 856
Name:	ATK AMMUNITION CCI/SPEER	***Street 2:***	
Date Became Current:	20120401	***City:***	LEWISTON
Date Ended Current:		***State:***	ID
Phone:	208-746-2351	***Country:***	
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	83501

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	PO BOX 856
Name:	AMMUNITION ACCESSORIES INC	***Street 2:***	
Date Became Current:	20011207	***City:***	LEWISTON
Date Ended Current:		***State:***	ID
Phone:		***Country:***	US
Source Type:	Implementer	***Zip Code:***	83501

Owner/Operator Ind:	Current Owner	**Street No:**	2299
Type:	Private	**Street 1:**	SNAKE RIVER AVE
Name:	AMMUNITION ACCESSORIES INC	**Street 2:**	
Date Became Current:	20011207	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:	208-750-3221	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	83501

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	ATK AMMUNITION CCI/SPEER	**Street 2:**	
Date Became Current:	20120401	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	83501

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	FEDERAL CARTRIDGE CO	**Street 2:**	
Date Became Current:	20120401	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:	208-746-2351	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	83501

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	FEDERAL CARTRIDGE CO	**Street 2:**	
Date Became Current:	20120401	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	83501

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	OMARK INDUSTRIES INC.	**Street 2:**	
Date Became Current:		**City:**	
Date Ended Current:		**State:**	ID
Phone:	208-746-2351	**Country:**	
Source Type:	Part A	**Zip Code:**	

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	AMMUNITION ACCESSORIES INC	**Street 2:**	
Date Became Current:	20011207	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	83501

Owner/Operator Ind:	Current Owner	**Street No:**	2299
Type:	Private	**Street 1:**	SNAKE RIVER AVE
Name:	AMMUNITION ACCESSORIES INC	**Street 2:**	
Date Became Current:	20011207	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	83501

Owner/Operator Ind:	Current Operator	**Street No:**	2299
Type:	Private	**Street 1:**	SNAKE RIVER AVE
Name:	AMMUNITION ACCESSORIES INC	**Street 2:**	
Date Became Current:	20011207	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:	208-750-3221	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	83501

Owner/Operator Ind:	Previous Owner	**Street No:**	2299
Type:	Private	**Street 1:**	SNAKE RIVER AVE
Name:	AMMUNITION ACCESSORIES INC	**Street 2:**	
Date Became Current:	20011207	**City:**	LEWISTON

Date Ended Current:	20120401	**State:**	ID
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	83501
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ATK AMMUNITION CCI SPEER	**Street 2:**	
Date Became Current:	20120401	**City:**	
Date Ended Current:		**State:**	ID
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	
Owner/Operator Ind:	Current Operator	**Street No:**	2299
Type:	Private	**Street 1:**	SNAKE RIVER AVENUE
Name:	AMMUNITION ACCESSORIES, INC.	**Street 2:**	
Date Became Current:	20011207	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	83501
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	FEDERAL CARTRIDGE CO	**Street 2:**	
Date Became Current:	20120401	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:	208-746-2351	**Country:**	US
Source Type:	Notification	**Zip Code:**	83501
Owner/Operator Ind:	Current Owner	**Street No:**	2299
Type:	Private	**Street 1:**	SNAKE RIVER AVENUE
Name:	AMMUNITION ACCESSORIES INC.	**Street 2:**	PO BOX 856
Date Became Current:	20011207	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	83501
Owner/Operator Ind:	Current Operator	**Street No:**	2299
Type:	Private	**Street 1:**	SNAKE RIVER AVENUE
Name:	AMMUNITION ACCESSORIES INC.	**Street 2:**	PO BOX 856
Date Became Current:	20011207	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	83501
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	FEDERAL CARTRIDGE CCI	**Street 2:**	
Date Became Current:	20120401	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	83501
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ATK AMMUNITION CCI SPEER	**Street 2:**	
Date Became Current:	20120401	**City:**	
Date Ended Current:		**State:**	ID
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	FEDERAL CARTRIDGE CCI	**Street 2:**	
Date Became Current:	20120401	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	83501
Owner/Operator Ind:	Current Owner	**Street No:**	2299

Type:	Private	**Street 1:**	SNAKE RIVER AVENUE
Name:	AMMUNITION ACCESSORIES, INC.	**Street 2:**	
Date Became Current:	20011207	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	83501
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	AMMUNITION ACCESSORIES INC	**Street 2:**	
Date Became Current:	20011207	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	83501
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	FEDERAL CARTRIDGE CO	**Street 2:**	
Date Became Current:	20120401	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:	208-746-2351	**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	83501
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	FEDERAL CARTRIDGE CCI	**Street 2:**	
Date Became Current:	20120401	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:	208-746-2351	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	83501
Owner/Operator Ind:	Previous Operator	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	AMMUNITION ACCESSORIES INC	**Street 2:**	
Date Became Current:	20011207	**City:**	LEWISTON
Date Ended Current:	20120401	**State:**	ID
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	83501
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	AMMUNITION ACCESSORIES INC	**Street 2:**	
Date Became Current:	20011207	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:		**Country:**	US
Source Type:	Implementer	**Zip Code:**	83501
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	AMMUNITION ACCESSORIES INC	**Street 2:**	
Date Became Current:	20011207	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	83501
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 856
Name:	FEDERAL CARTRIDGE CCI	**Street 2:**	
Date Became Current:	20120401	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	83501
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	2299 SNAKE RIVER AVE
Name:	AMMUNITION ACCESSORIES INC	**Street 2:**	
Date Became Current:	00010101	**City:**	LEWISTON
Date Ended Current:		**State:**	ID
Phone:	208-746-2351	**Country:**	

Source Type: Notification ***Zip Code:*** 83501

Historical Handler Details

Receive Dt: 20080225
Generator Code Description: Large Quantity Generator
Handler Name: AMMUNITION ACCESSORIES INC CCI

Receive Dt: 20060223
Generator Code Description: Large Quantity Generator
Handler Name: AMMUNITION ACCESSORIES INC. - CCI

Receive Dt: 19900212
Generator Code Description: Large Quantity Generator
Handler Name: BLOUNT INC

Receive Dt: 20180226
Generator Code Description: Large Quantity Generator
Handler Name: FEDERAL CARTRIDGE CO CCI

Receive Dt: 20090309
Generator Code Description: Large Quantity Generator
Handler Name: AMMUNITION ACCESSORIES INC CCI

Receive Dt: 19920225
Generator Code Description: Large Quantity Generator
Handler Name: BLOUNT INC CCI OPER

Receive Dt: 20020227
Generator Code Description: Large Quantity Generator
Handler Name: AMMUNITION ACCESSORIES INC CCI

Receive Dt: 19940224
Generator Code Description: Large Quantity Generator
Handler Name: BLOUNT INC CCI OPER

Receive Dt: 20040226
Generator Code Description: Large Quantity Generator
Handler Name: AMMUNITION ACCESSORIES INC CCI

Receive Dt: 20120224
Generator Code Description: Large Quantity Generator
Handler Name: ATK AMMUNITION ACCESSORIES INC CCI

Receive Dt: 19800716
Generator Code Description: Large Quantity Generator
Handler Name: AMMUNITION ACCESSORIES INC CCI

Receive Dt: 20100322
Generator Code Description: Large Quantity Generator
Handler Name: AMMUNITION ACCESSORIES INC CCI

Receive Dt: 19910314
Generator Code Description: Large Quantity Generator
Handler Name: AMMUNITION ACCESSORIES INC CCI

Receive Dt: 20020111
Generator Code Description: Large Quantity Generator
Handler Name: AMMUNITION ACCESSORIES INC CCI

Receive Dt: 20160222
Generator Code Description: Large Quantity Generator
Handler Name: FEDERAL CARTRIDGE CO CCI

Receive Dt: 20180921
Generator Code Description: Large Quantity Generator
Handler Name: FEDERAL CARTRIDGE CO CCI

Receive Dt: 20140218
Generator Code Description: Large Quantity Generator
Handler Name: ATK AMMUNITION CCI SPEER - CCI

Receive Dt: 20200302
Generator Code Description: Large Quantity Generator
Handler Name: FEDERAL CARTRIDGE CO CCI

Receive Dt: 19980702
Generator Code Description: Large Quantity Generator
Handler Name: BLOUNT INC-SEG-CCI OPERATION

Receive Dt: 20171127
Generator Code Description: Large Quantity Generator
Handler Name: FEDERAL CARTRIDGE CO CCI

Receive Dt: 20150717
Generator Code Description: Large Quantity Generator
Handler Name: FEDERAL CARTRIDGE CO CCI

Receive Dt: 20120330
Generator Code Description: Large Quantity Generator
Handler Name: ATK AMMUNITION CCI SPEER - CCI

Receive Dt: 19960229
Generator Code Description: Large Quantity Generator
Handler Name: BLOUNT INC CCI OPER

Receive Dt: 19910314
Generator Code Description: Not a Generator, Verified
Handler Name: AMMUNITION ACCESSORIES INC CCI

Receive Dt: 20141021
Generator Code Description: Large Quantity Generator
Handler Name: FEDERAL CARTRIDGE CO CCI

Receive Dt: 20000228
Generator Code Description: Large Quantity Generator
Handler Name: BLOUNT INC - CCI OPERATIONS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	1 of 1	W	0.98 / 5,194.51	750.15 / -184	CLARKSTON PIT ASOTIN COUNTY CLARKSTON WA 99403	MRDS

Dep ID: 10252829
Dev Status: PAST PRODUCER
Code List: SDG
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10252829
I1: 29
Latitude: 46.400696
Longitude: -117.041321

Commodity

I1: 47
Code: SDG
Commodity: Sand and Gravel, Cons
Commodity Type: Non-metallic
Commodity Group: Sand and Gravel
Importance: Primary
Line: 1
Inserted By: MAS migration
Insert Date: 29-OCT-02
Updated By: USGS
Update Date: 29-OCT-02

Names

I1: 17
Status: Current
Site Name: Clarkston Pit
Line: 2
Inserted By: MAS migration
Insert Date: 29-OCT-02
Updated By: USGS
Update Date: 29-OCT-02

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Names

I1:	39	***Inserted By:***	MAS migration
Status:	Previous	***Insert Date:***	29-OCT-02
Site Name:	Lewistom Pre Mix Concrete Co	***Updated By:***	USGS
Line:	1	***Update Date:***	29-OCT-02

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	1 of 2	NNE	1.00 / 5,270.10	799.46 / -134	PAFFILE PIT NEZ PERCE COUNTY LEWISTON ID 83501	MRDS

Dep ID:	10169078	***I1:***	21
Dev Status:	PAST PRODUCER	***Latitude:***	46.414673
Code List:	SDG	***Longitude:***	-117.015686
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10169078		

Commodity

I1:	45	***Line:***	1
Code:	SDG	***Inserted By:***	MAS migration
Commodity:	Sand and Gravel, Cons	***Insert Date:***	29-OCT-02
Commodity Type:	Non-metallic	***Updated By:***	USGS
Commodity Group:	Sand and Gravel	***Update Date:***	29-OCT-02
Importance:	Primary		

Names

I1:	35	***Inserted By:***	MAS migration
Status:	Current	***Insert Date:***	29-OCT-02
Site Name:	Paffile Pit	***Updated By:***	USGS
Line:	1	***Update Date:***	29-OCT-02

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	2 of 2	NNE	1.00 / 5,270.10	799.46 / -134	MCGREGOR PIT NEZ PERCE COUNTY LEWISTON ID 83501	MRDS

Dep ID:	10167770	***I1:***	10
Dev Status:	PRODUCER	***Latitude:***	46.414673
Code List:	STN_C	***Longitude:***	-117.015686
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10167770		

Commodity

I1:	42	***Line:***	1
Code:	STN_C	***Inserted By:***	MAS migration
Commodity:	Stone, Crushed/Broken	***Insert Date:***	29-OCT-2002 09:00:24
Commodity Type:	Non-metallic	***Updated By:***	USGS
Commodity Group:	Stone, Crushed	***Update Date:***	29-OCT-2002 09:01:39
Importance:	Primary		

Names

I1:	35	***Inserted By:***	MAS migration
Status:	Current	***Insert Date:***	29-OCT-02
Site Name:	McGregor Pit	***Updated By:***	WBFERGUS
Line:	1	***Update Date:***	15-DEC-08

Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID

No unplottable records were found that may be relevant for the search criteria.

Unplottable Report

No unplottable records were found that may be relevant for the search criteria.

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List: NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

Deleted NPL: DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Jan 25, 2023

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Jan 25, 2023

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jan 23, 2023

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by RCRA.

Government Publication Date: Jan 23, 2023

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jan 23, 2023

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jan 23, 2023

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Jan 23, 2023

Federal Engineering Controls-ECs: FED ENG

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Federal Institutional Controls- ICs: FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Nov 3, 2022

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Nov 6, 2022

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Aug 30, 2022

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Jan 25, 2023

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Dec 22, 2022

State

Solid Waste Program Sites: SWF/LF

Locations of Solid Waste sites on the Idaho Department of Environmental Quality (DEQ)'s Waste Remediation Facility Mapper. Solid waste is defined in Idaho's Solid Waste Management Rules (IDAPA 58.01.06) as any garbage or refuse, sludge from a wastewater treatment plant, water supply treatment plant, or air pollution control facility and other discarded material including solid, liquid, semi-solid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations and from community activities.

Government Publication Date: Feb 6, 2023

Hazardous Sites List: HSL

Washington State Department of Ecology (DEC) records of sites that have been assessed and ranked using the Washington Ranking Method (WARM score) - a number between 1 and 5, where a score of 1 represents the highest level of risk and 5 the lowest. Some factors that enter into site hazard ranking include: the amount and type of contaminants present; how easily contaminants could come into contact with people and the environment; and the level of public concern. This database is state equivalent NPL.

Government Publication Date: Nov 17, 2022

Solid Waste Facilities Database: HIST SWF

Solid Waste Facilities database made available by the Idaho Department of Environmental Quality (DEQ). Includes municipal and non-municipal solid waste landfills, transfer stations and incinerators, petroleum contaminated soils treatment facilities, materials recovery facilities, waste tire storage, and composting facilities.

Government Publication Date: Mar 14, 2014

Confirmed and Suspected Contaminated Sites List: CSCSL

This list of Confirmed and Suspected Contaminated Sites is made available by the Washington State Department of Ecology (DEC). The listing includes sites being cleaned up, waiting to be cleaned up, or that need more investigation. Most contaminated sites are handled by the DEC's Toxics Cleanup Program and are cleaned up under Washington's environmental cleanup law, the Model Toxics Control Act (MTCA). Property owners may clean up sites independently or under DEC supervision; the DEC can also clean up sites. This database is state equivalent CERCLIS.

Government Publication Date: Nov 17, 2022

Delisted Confirmed and Suspected Contaminated Sites: DELISTED SHWS

This database contains a list of Confirmed & Suspected Contaminated Sites that were removed from the Washington State Department of Ecology (DEC).

Government Publication Date: Nov 17, 2022

Leaking Underground Storage Tank (LUST) Report: LUST

A list of Leaking Underground Storage Tanks (LUSTs) made available by Idaho Department of Environmental Quality (Idaho DEQ). Idaho DEQ's LUST program provides for the oversight and cleanup of petroleum releases from state regulated Underground Storage Tanks (USTs). Includes records of leaking tanks from the UST and LUST Database, as well as LUST records from the Idaho DEQ Waste Remediation Facility Mapper.

Government Publication Date: Dec 2, 2022

No Further Action Sites List: CSCSL NFA

A list of sites previously on the Washington State Department of Ecology (DEC) Confirmed and Suspected Contaminated Sites List (CSCSL) that have received a No Further Action (NFA) determination.

Government Publication Date: Nov 17, 2022

Solid Waste Facility Database: SWF/LF

List of permitted solid waste and landfill facilities made available by the Washington Department of Ecology (DEC).

Government Publication Date: Sep 8, 2022

Delisted Leaking Storage Tanks: DELISTED LST

This database contains a list of leaking storage tank sites that were removed from the Idaho Department of Environmental Quality (Idaho DEQ).

Government Publication Date: Dec 2, 2022

Recycling Facilities: RECYCLERS

The Washington State Department of Ecology maintains this database of recycling opportunities available in Washington State.

Government Publication Date: Nov 15, 2022

Underground Storage Tank (UST) Report: UST

List of Underground Storage Tanks (USTs) in Idaho made available by the Idaho Department of Environmental Quality (Idaho DEQ). In Idaho, underground storage tanks used to store either petroleum products (e.g., gasoline, diesel, kerosene, or jet fuel) or certain hazardous substances, with at least 10% of their contents underground, are regulated. Includes tank records from the UST Database, as well as UST records from the Idaho DEQ Waste Remediation Facility Mapper.

Government Publication Date: Dec 2, 2022

Solid Waste Tire Facilities: WASTE TIRE

The Washington State Department of Ecology maintains this database of waste tire recycling opportunities available in Washington State.

Government Publication Date: Nov 22, 2022

Delisted Storage Tanks: DELISTED STORAGE TANK

This database contains a list of storage tank sites that were removed from the Idaho Department of Environmental Quality (Idaho DEQ) storage tank database. The records may be removed due to incorrectly assigned regulation statues.

Government Publication Date: Dec 2, 2022

Environmental Covenants and Restrictions: INST

A list of sites with institutional controls (ICs) on them, made available by Idaho Department of Environmental Quality (IDEQ). Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Feb 6, 2023

Leaking Underground Storage Tank (LUST) List: LUST

Leaking Underground Storage Tank (LUST) list made available by the Washington Department of Ecology (DEC) contains information about underground storage tank facilities that require cleanup and their cleanup history.

Government Publication Date: Nov 17, 2022

Petroleum Technical Assistance Program: LUST PTAP

Under the State of Washington's cleanup law, qualifying petroleum contaminated sites can apply for the Pollution Liability Insurance Agency's (PLIA) Petroleum Technical Assistance Program (PTAP). Sites under the PTAP may be provided with informal advice and technical assistance on the requirements of the Model Toxics Control Act (MTCA), which is the state's cleanup law. PLIA also provides written opinions on independent remedial actions on qualifying petroleum cleanup sites: No Further Action (NFA), Further Action (FA), and Partial Sufficiency (PS).

Government Publication Date: Jun 21, 2022

Voluntary Cleanup Program Participants: VCP

A list of sites involved in Idaho Department of Environmental Quality (Idaho DEQ) Voluntary Cleanup Program.

Government Publication Date: Feb 6, 2023

UST Loan and Grant Program: UST LOAN

List of sites that have applied to the Pollution Liability Insurance Agency's (PLIA) UST Loan and Grant Program. PLIA partners with the Washington State Department of Health (DOH) to provide loans or grants to owners or operators of underground storage tank (UST) facilities, who wish to: upgrade/replace infrastructure, clean up contamination, or close a UST. Within the program, PLIA provides oversight and technical assistance, while the DOH operates the lending/repayment process.

Government Publication Date: Nov 12, 2021

Brownfield Sites: BROWNFIELDS

A list of Brownfield sites, made available by Idaho Department of Environmental Quality (Idaho DEQ). A brownfield site is a vacant or underutilized property where redevelopment or reuse is complicated by actual or perceived environmental contamination.

Government Publication Date: Feb 6, 2023

Heating Oil Technical Assistance Program: LST HOT

Within the Pollution Liability Insurance Agency's (PLIA) various programs, the Heating Oil Technical Assistance Program (HOTAP) provides assistance to owners and operators of active and abandoned heating oil tanks if there is a suspected release or contamination. PLIA provides services including: written opinions, observations of testing, site assessments, and reviews of the results of reports and other appropriate activities. Information in some records has been redacted by the Pollution Liability Insurance Agency under Washington State Legislature RCW 70.149.080. As of March 4, 2022 the PLIA stopped maintaining this list.

Government Publication Date: Jun 22, 2022

Historical Brownfields List: HIST BROWN

A brownfield site is a vacant or underutilized property where redevelopment or reuse is complicated by actual or perceived environmental contamination. This is a list of brownfield sites made available by the Idaho Department of Environmental Quality (DEQ) that have received DEQ brownfield funding or funding through other brownfield redevelopment initiatives.

Government Publication Date: Dec 31, 2011

Underground Storage Tanks: UST

List of Underground Storage Tanks (USTs) made available by Washington Department of Ecology (DEC). The DEC regulates tanks at facilities including gas stations, industries, commercial properties and governmental entities. The DEC works to ensure these tanks are installed, managed, and monitored in a manner that prevents releases into the environment.

Government Publication Date: Nov 17, 2022

Delisted Leaking Storage Tanks: DELISTED LST

List of leaking storage tanks made available by the Washington Department of Ecology (DEC). A record would be removed if it violated the Facility Oil Handling Standards. This list contains all the records that been removed from the storage tank list.

Government Publication Date: Nov 17, 2022

Aboveground Storage Tanks: AST

List of aboveground storage tanks (ASTs) made available by the Washington Department of Ecology (DEC). This list includes many of the largest petroleum containing ASTs in Washington state, but there are many ASTs in many different types of services (including, for example, hydrocarbon storage), that are not subject to regulation and are not registered by the DEC. There is no inclusive AST regulation in Washington state, and the Department of Ecology ceased maintenance of this list in December 2015.

Government Publication Date: Dec 14, 2015

Spills Program Regulated Facilities: AST SPL PREV

List of Class 1, 2, 3, and 4 regulated facilities. The Washington Department of Ecology regulates the equipment and oil transfer, storage, and handling at facilities to ensure environmental and public health. Depending on their classification (Class 1 Large facilities such as refineries, refueling terminals, and pipelines; Class 2 and Class 3 facilities that transfer oil; and Class 4 Marinas and other facilities that transfer oil to non-recreation vessels with a fuel capacity of less than 10,500 gallons), these facilities are required to have some type of spill prevention plan.

Government Publication Date: Jan 6, 2023

Delisted Storage Tanks: DELISTED TNK

List of aboveground storage tanks made available by the Washington Department of Ecology (DEC). A record would be removed if it violated the Facility Oil Handling Standards. This list contains all the records that been removed from the storage tank list.

Government Publication Date: Jan 6, 2023

Environmental Covenants Institutional Controls: INST

List of sites that have institutional controls or environmental covenants (64.70 RCW Uniform Environmental Covenants Act) made available by the State of Washington Department of Ecology. Institutional controls are administrative or legal measures used to prevent activities that may compromise the integrity of a cleanup action. They are meant to prevent exposure to contamination remaining on site. Institutional controls may include environmental covenants (also known as 'deed restrictions'), zoning restrictions, public health advisories, or other administrative tools. The most common institutional control is an environmental covenant. Environmental covenants are legal recorded documents that typically limit certain uses of the property.

Government Publication Date: Nov 17, 2022

Voluntary Cleanup Program: VCP

List of sites under the Voluntary Cleanup Program (VCP) made available by the Washington Department of Ecology (DEC). The VCP is an option for cleaning up hazardous waste sites under the state's cleanup law.

Government Publication Date: Nov 17, 2022

Brownfields Program: BROWNFIELDS

List of Brownfields sites made available by the Washington Department of Ecology (DEC). Brownfield sites are abandoned or underused properties where potential liability due to environmental contamination and cleanup costs complicate re-development efforts.

Government Publication Date: Nov 17, 2022

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 10, which includes Idaho, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 10, which includes Washington, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 10, which includes Idaho, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 10, which includes Washington, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

County

No County databases were selected to be included in the search.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Aug 18, 2022

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites: PFAS NPL

List of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been found in water and/or soil. The site listing is provided by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Oct 4, 2022

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. Sites on this list do not necessarily reflect the source/s of contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Jun 30, 2022

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations https://pfasproject.com/pfas-contamination-site-tr acker/

Government Publication Date: Dec 12, 2019

National Response Center PFAS Spills: ERNS PFAS

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Feb 19, 2023

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The US Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) requiring facilities that manufacture or import chemical substances to report to EPA. This list is specific to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl substances (PFAS). Data file made available by the EPA and includes CDR/Inventory Update Reporting data from 1998 up to 2020. EPA makes notes the following about these data: this data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jun 20, 2022

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Aug 30, 2022

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Jan 25, 2023

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.

Government Publication Date: Oct 15, 2022

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Jun 25, 2022

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Jun 25, 2022

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Mar 31, 2021

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United State Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Aug 3, 2022

Surface Mining Control and Reclamation Act Sites: SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Government Publication Date: Aug 18, 2022

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 1, 2022

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG) fuel type locations.

Government Publication Date: Jan 3, 2023

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jan 11, 2023

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Nov 3, 2022

State

Remediation Site Database: REM SITES

Sites in the Idaho Department of Environmental Quality (DEQ) Remediation Facility Mapper. DEQ's Waste Management and Remediation Division oversees various sites and facilities that generate or manage wastes or have released wastes into the environment and require remediation. Includes RCRA, Industrial Preliminary Assessment, General Remediation, and others.

Government Publication Date: Feb 6, 2023

Spills Incidents Sites: SPILLS

List of spills and/or releases reported to the Washington Department of Ecology (DEC).

Government Publication Date: Dec 19, 2022

Delisted Remediation Site Database: DELISTED REM

This database contains a list of remediation records that were removed from Idaho's remediation database operated by the Idaho Department of Environmental Quality (Idaho DEQ). This list includes Preliminary Assessment and General Remediation sites.

Government Publication Date: Feb 6, 2023

Reported Spills to Water: SPILLS WATER

A list of reported spills to water of one gallon or more made available by the Washington Department of Ecology.

Government Publication Date: Jan 6, 2023

Facility/Site Identification System: ALL SITES

The Facility/Site Identification System made available by the Department of Ecology (DEC) provides a central repository of key information for each facility/site of interest to DEC. The DEC has defined a facility/site as an operation at a fixed location that is of interest to the agency because it has an active or potential impact upon the environment.

Government Publication Date: Dec 15, 2022

Dry Cleaning Facilities: DRYCLEANERS

A listing of drycleaner facilities provided be the Department of Environmental Quality (DEQ). DEQ gathered air quality data on dry cleaners as part of a Tier I applicability project during 2001 and 2002. EPA has since determined that dry cleaners are not applicable to this program unless they are a major source. None of the dry cleaners in Idaho are major sources and as such, DEQ no longer maintains updated information on them.

Government Publication Date: Dec 21, 2015

Environmental Report Tracking System (ERTS): ERTS

A list of incidents from the Environmental Report Tracking System (ERTS), used by various programs within the Washington Department of Ecology (DEC) to track incidents and activities. This list is made available by the Washington Department of Ecology (DEC).

Government Publication Date: Oct 19, 2022

Hazardous Material Spills, Releases or Accidents: SPILLS

A list of Hazardous Material spills, releases, and accidents reported to the Idaho State EMS Communications Center (StateComm), a component of the Bureau of EMS and Preparedness, Division of Public Health, Department of Health and Welfare. StateComm functions as the focal point for hazardous material emergency contact and communication. The incidents are classified into one of the following categories: Level I, Level II, Level III or Regulatory Notification.

Government Publication Date: Mar 6, 2023

Independent Cleanup Reports: ICR

List of facilities in remedial action reports received by the Washington Department of Ecology (DEC) from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree. Independent Cleanup is historical terminology for Voluntary Cleanup; this data is no longer updated, current records can be found in Voluntary Cleanup.

Government Publication Date: Nov 6, 2015

Clandestine Drug (Meth) Laboratory Site Property List: CDL

A list of Clandestine Drug Laboratory (CDL) sites discovered by law enforcement officials. This list is made available by the Idaho Department of Health and Welfare. Typically, CDLs have been used to manufacture methamphetamine (commonly referred to as meth).

Government Publication Date: Sep 30, 2021

Registered Drycleaners List: DRYCLEANERS

A listing of registered drycleaner facilities maintained by the Department of Ecology.

Government Publication Date: Feb 22, 2023

Delisted Drycleaners: DELISTED DRYCLEANERS

Sites which once appeared on the list of registered drycleaner facilities made available by the Department of Ecology.

Government Publication Date: Feb 22, 2023

Tier 2 Report: TIER 2

List of facilities that report storage of hazardous chemicals or materials to the Department of Ecology's Hazardous Waste and Toxics Reduction Program under the Emergency Planning and Community Right to Know Act (EPCRA).

Government Publication Date: Oct 19, 2022

Clandestine Drug Lab Sites: CDL

A list of Clandestine Drug Lab sites made available by the Washington Department of Health.

Government Publication Date: Oct 27, 2022

Clandestine Drug Lab Sites - Historical Listing: HIST CDL

List of Clandestine Drug Lab sites reported to the Department of Health from local health departments. This list contains sites that are not in the current list.

Government Publication Date: until 2007

Air Permitted Facilities: AIR PERMITS

This list of air emissions inventory is a point source summary of individual inventories from facilities with air operating permits. This list is maintained by the Washington Department of Ecology.

Government Publication Date: Jul 1, 2022

Underground Injection Control Wells: UIC

The Water Quality Program of the Washington State Department of Ecology (DEC) maintains this water quality permit database that includes Underground Injection Control (UIC) wells. According to the DEC, UIC wells are manmade structures used to discharge fluids into the subsurface. Examples are drywells, infiltration trenches with perforated pipe, and any structure deeper than the widest surface dimension. The majority of UIC wells in Washington are used to manage storm water and sanitary waste, return water to the ground, and help clean up contaminated sites. The potential for groundwater contamination from injection wells depends upon well construction and location; quality of the fluids injected; and the geographic and hydrologic settings in which the injection occurs.

Government Publication Date: Oct 15, 2020

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental databases were selected to be included in the search.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

AERIAL PHOTOGRAPHS

Copyright © 2022 Atlas Technical Consultants

HISTORICAL AERIALS

Project Property: B230423e - Lewiston VA ESA
821 21st Avenue
Lewiston ID

Project No:

Requested By: Atlas Technical Consultants LLC

Order No: 23031500822

Date Completed: March 17,2023

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2021	MAXAR TECHNOLOGIES	1" = 500'	
2019	United States Department of Agriculture	1" = 500'	
2017	United States Department of Agriculture	1" = 500'	
2015	United States Department of Agriculture	1" = 500'	
2013	United States Department of Agriculture	1" = 500'	
2011	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2006	United States Department of Agriculture	1" = 500'	
2004	United States Department of Agriculture	1" = 500'	
1996	United States Geological Survey	1" = 500'	
1991	United States Geological Survey	1" = 500'	
1981	United States Geological Survey	1" = 500'	
1975	United States Geological Survey	1" = 500'	
1970	United States Geological Survey	1" = 500'	
1961	United States Geological Survey	1" = 500'	
1953	Army Mapping Service	1" = 500'	
1943	United States Geological Survey	1" = 500'	



Year: 2021
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822

ERIS



Year: 2019
Source: USDA
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822

ERIS



Year: 2017
Source: USDA
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822



Year: 2015
Source: USDA
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822



Year: 2013
Source: USDA
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822

ERIS



Year: 2011
Source: USDA
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822



Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822

ERIS



Year: 2006
Source: USDA
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822



Year: 2004
Source: USDA
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822



Year: 1996
Source: USGS
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822



Year: 1991
Source: USGS
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822



Year: 1981
Source: USGS
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822



Year: 1975
Source: USGS
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822



Year: 1970
Source: USGS
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822

ERIS

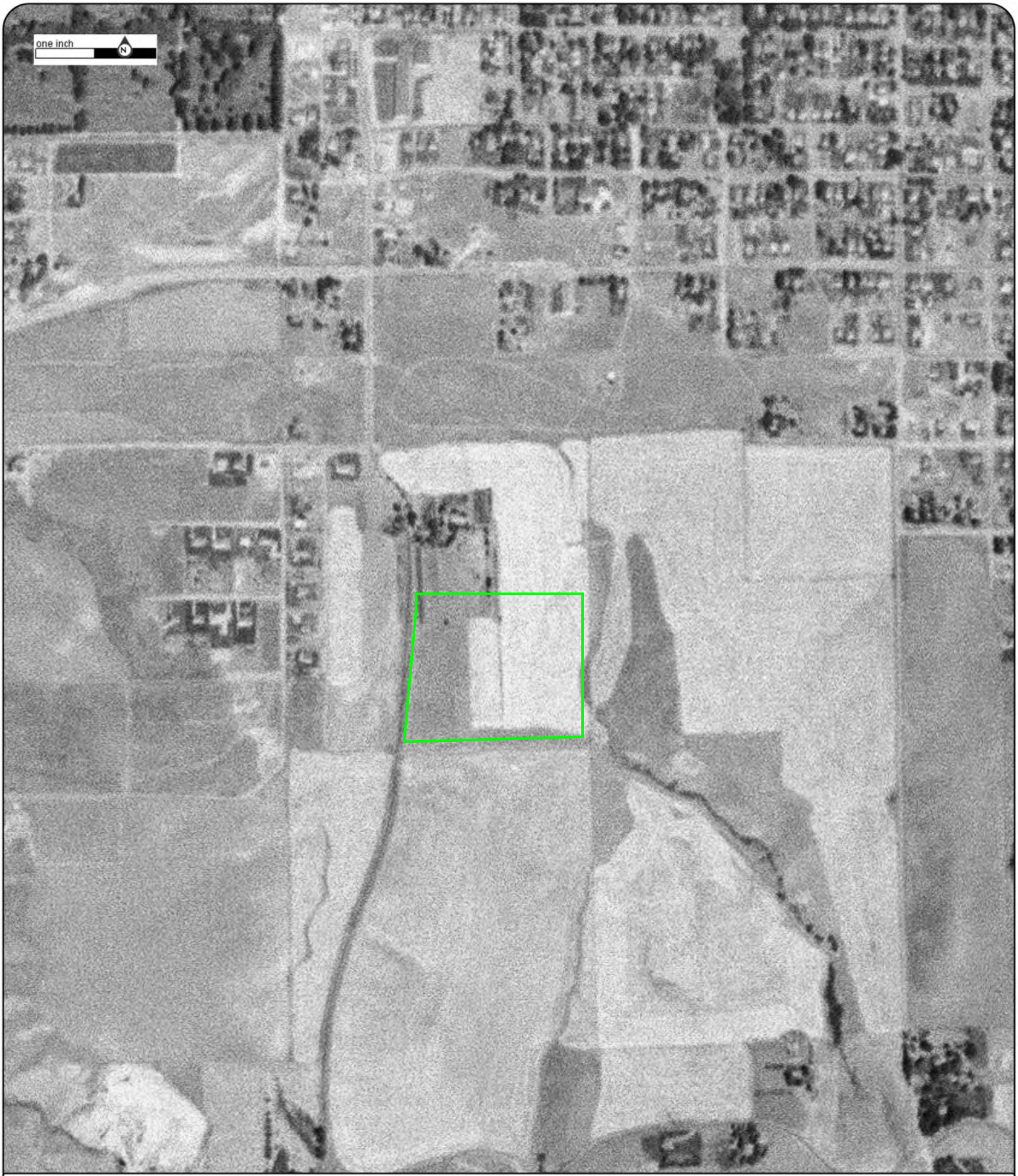


Year: 1961
Source: USGS
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822

ERIS



Year: 1953
Source: AMS
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822

ERIS



Year: 1943
Source: USGS
Scale: 1" = 500'
Comment:

Address: 821 21st Avenue, Lewiston, ID
Approx Center: -117.01937595,46.39945181

Order No: 23031500822

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

HISTORICAL RESEARCH DOCUMENTATION

Copyright © 2022 Atlas Technical Consultants

FIRE INSURANCE MAPS

Project Property:	B230423e - Lewiston VA ESA 821 21st Avenue Lewiston ID
Project No:	
Requested By:	Atlas Technical Consultants LLC
Order No:	23031500822
Date Completed:	March 16, 2023

Please note that no information was found for your site or adjacent properties.

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

RESUMES

Copyright © 2022 Atlas Technical Consultants

GREG DJERNES

ENVIRONMENTAL SPECIALIST

OFFICE LOCATION
Boise, Idaho

EDUCATION
BS, General - Microbiology and Agricultural Biotechnology, University of Idaho, Moscow, Idaho

HIRE DATE
September, 2021

EXPERIENCE PRIOR TO JOINING ATLAS
8

EXPERIENCE & RESPONSIBILITIES

As an Environmental Specialist with Atlas Technical Consultants, Mr. Djernes performs a variety of field, office, and lab activities. He has experience with mold investigations, Phase I Environmental Site Assessments (ESAs) and indoor air quality investigations. He has extensive experience analyzing water and wastewater using microbiological analysis. Prior to his position at Atlas, Greg worked as an environmental microbiologist and has written standard operating procedure (SOP) manuals and conducted routine water systems monitoring. In addition, he has experience conducting Microscopic Particulate Analysis and Mold/Contaminant Identification.

PROJECT EXPERIENCE

Greyhound Station, Boise, ID
Phase I Environmental Site Assessment (ESA)

Idaho Nuclear Seed Potato Program, Moscow, ID
Plant tissue culture propagation

320 N Palmer St, Eagle, ID
Phase I Environmental Site Assessment (ESA)

Suez, Boise, ID
Iron Bacteria Analysis

Kula Connection, Boise, ID
Validation and shelf life studies, product development

University of Idaho, Moscow, ID
Bacterial transformation of potato cultivars for drought and salinity resistance

Romer Labs, Newark, DE
Validation of salmonella testing

Adams Gardens & Nursery, Nampa, ID
Plant disease identification and remediation

Microplant Nurseries, Gervais, OR
Plant tissue culture, research & development

Darigold, Caldwell, ID
Wastewater effluent monitoring, daily routine sampling

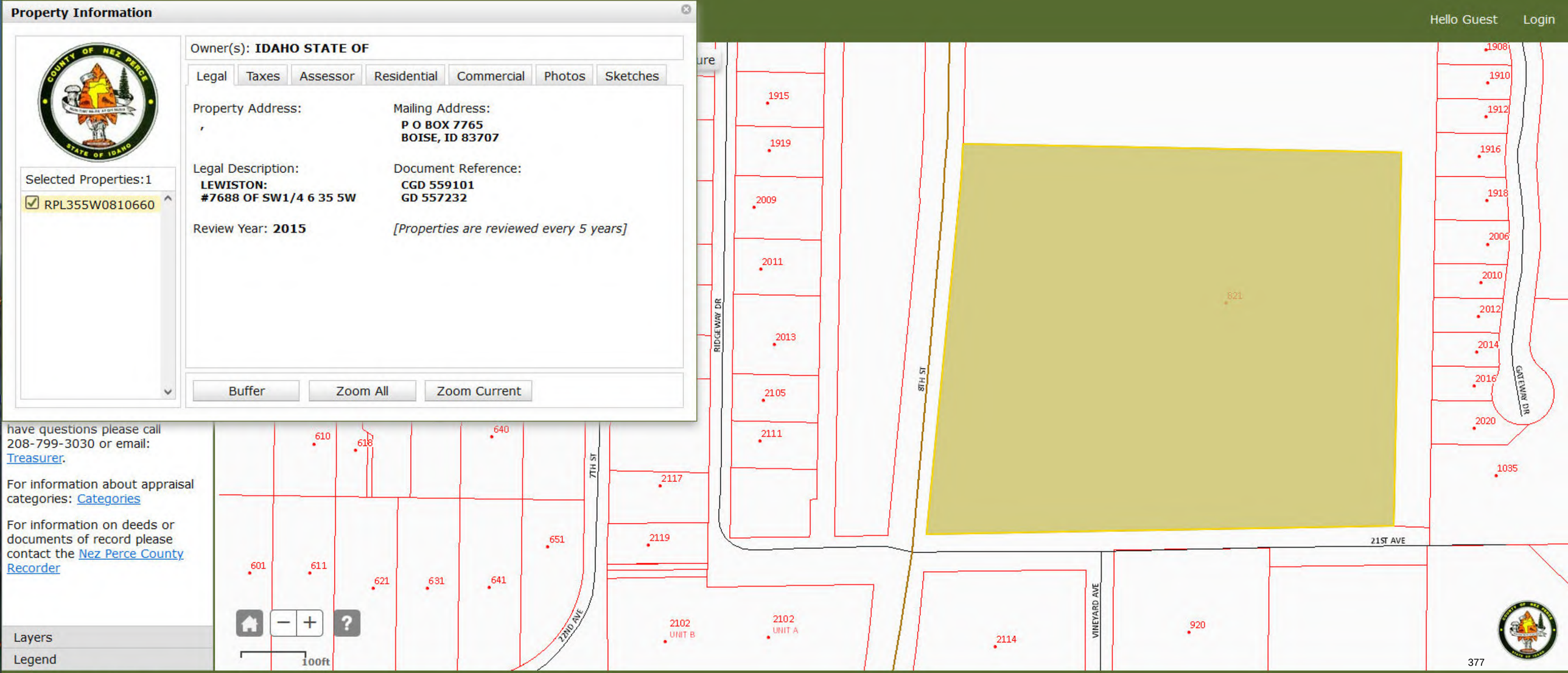
Krizview Park, Boise, ID
Water systems operation, infrastructure improvements

Reyco Systems, Caldwell, ID
Validation of UV sterilization on macadamia nuts and frozen dragon fruit

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

OTHER SUPPORTING DOCUMENTATION

Copyright © 2022 Atlas Technical Consultants


Property Information
Owner(s): IDAHO STATE OF
Legal
Taxes
Assessor
Residential
Commercial
Photos
Sketches
Property Address:
,
Mailing Address:
P O BOX 7765
BOISE, ID 83707
Legal Description:
LEWISTON:
#7688 OF SW1/4 6 35 5W
Document Reference:
CGD 559101
GD 557232
Review Year: 2015
[Properties are reviewed every 5 years]
Selected Properties:1
RPL355W0810660
Buffer
Zoom All
Zoom Current
have questions please call 208-799-3030 or email: Treasurer.
For information about appraisal categories: Categories
For information on deeds or documents of record please contact the Nez Perce County Recorder
Layers
Legend
Hello Guest
Login
RIDGEWAY DR
8TH ST
7TH ST
21ST AVE
22ND AVE
VINEYARD AVE
GATEWAY DR
100ft
© 2023 - Nez Perce County, ID

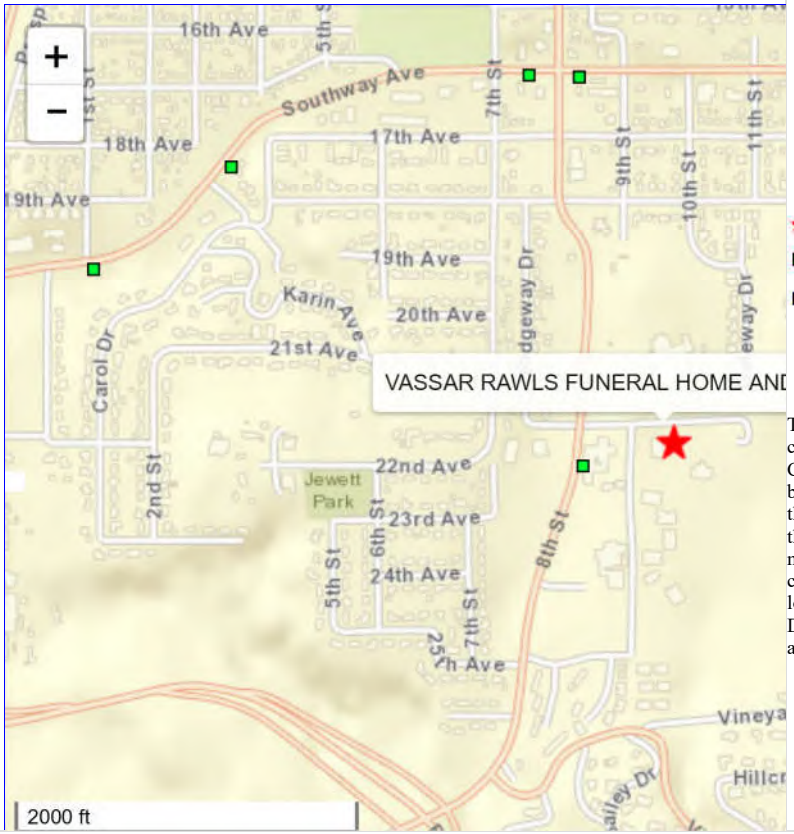
Related Topics: **Envirofacts**

FRS

FRS Facility Detail Report

VASSAR RAWLS FUNERAL HOME AND CREMATORY

EPA Registry Id: 110001687041
920 21ST AVE
LEWISTON, ID 83501



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Facility Registry Service Links:

- Facility Registry Service (FRS) Overview
- FRS Facility Query
- FRS Organization Query
- EZ Query
- FRS Physical Data Model
- FRS Geospatial Model

Report an Error

Environmental Interests

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY	VASSAR-RAWLS FUNERAL	ID_DEQ_00205	STATE MASTER	IDDEQ		**AIMS**-222 AIR PROGRAM
IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY	VASSAR-RAWLS FUNERAL	ID_DEQ_000222	STATE MASTER	IDDEQ		**AIR INFORMATION MANA**-222 AIR PROGRAM
ICIS-AIR (AIR)	VASSAR-RAWLS FUNERAL	ID0000001606900014	AIR MINOR	ICIS	03/02/2017	
AIR FACILITY SYSTEM	VASSAR-RAWLS FUNERAL	1606900014	AIR MINOR (OPERATING)	AIRS/AFS	07/19/2012	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Facility Coordinates Viewer Environmental Justice Map Viewer Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
AIRS/AFS	7261	FUNERAL SERVICE AND CREMATORIES	
AIR	7261	FUNERAL SERVICE AND CREMATORIES	

Facility Codes and Flags

EPA Region:	10
Duns Number:	
Congressional District Number:	01
Legislative District Number:	
HUC Code/Watershed:	17060103 / LOWER SNAKE-ASOTIN
US Mexico Border Indicator:	
Federal Facility:	NO
Tribal Land:	NO

Alternative Names

Alternative Name	Source of Data
VASSAR-RAWLS FUNERAL HOME	AIRS/AFS
VASSAR-RAWLS FUNERAL	AIRS/AFS

Organizations

No Organizations returned.

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	Primary
AIRS/AFS	812210	FUNERAL HOMES AND FUNERAL SERVICES.	
AIR	812210	FUNERAL HOMES AND FUNERAL SERVICES.	

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
RESPONSIBLE PARTY	2732 NORTH BECK ROAD	POST FALLS	ID	83854	IDDEQ
FACILITY MAILING ADDRESS	920 21ST AVE	LEWISTON	ID	83501	AIRS/AFS
UNKNOWN CONTACT	171 HIGHWAY 95 N	GRANGEVILLE	ID	83530	IDDEQ
FACILITY MAILING ADDRESS	920 21ST AVE	LEWISTON	ID	83501	AIR
FACILITY MAILING ADDRESS	920 21ST AVE	LEWISTON	ID	83501	IDDEQ

Contacts

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
UNKNOWN CONTACT	MIKE CONNOLLEY	208-278-5044	IDDEQ	View
COMPLIANCE CONTACT	DENNIS HASTINGS	2087436541	AIR	
RESPONSIBLE PARTY	BRAD GRIFFITH	2083569109	IDDEQ	View
UNKNOWN CONTACT	DENNIS HASTINGS	2087436541	AIRS/AFS	
COMPLIANCE CONTACT	DENNIS HASTINGS	2087436541	AIRS/AFS	
UNKNOWN CONTACT	DENNIS HASTINGS	2087436541	AIR	

Query executed on: MAR-16-2023

An official website of the United States government

MENU

Search EPA.gov

Related Topics: Envirofacts <../>

CONTACT US <https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>

Home <https://enviro.epa.gov> | Multisystem Search <https://enviro.epa.gov/facts/multisystem.html> | Topic Searches <https://www.epa.gov/enviro/topic-searches> | System Data Searches <https://www.epa.gov/enviro/system-data-searches> | About the Data <https://www.epa.gov/enviro/about-data> | Data Downloads <https://www.epa.gov/enviro/data-downloads> | Widgets <https://www.epa.gov/enviro/widgets> | Services <https://www.epa.gov/enviro/web-services> | Mobile <https://www.epa.gov/enviro/uv-index-mobile-app> | Other Datasets <https://www.epa.gov/enviro/other-datasets>

Plant Information

VASSAR-RAWLS FUNERAL
920 21ST AVE
LEWISTON, ID 83501
EPA Plant ID: 110001687041

Operating Status:	O	**HPV Flag:**	
Operating Status Description:	OPERATING	**State Registration Number:**	
State County Compliance Source:	1606900014	**Government Facility Code Description:**	PRIVATELY OWNED/OPERATED
Region Code:	10	**Class Code:**	B
Primary SIC Code:	7261	**Class Code Description:**	POTENTIAL UNCONTROLLED EM
Primary SIC Description:	FUNERAL SERVICE AND CREMA	**Compliance Status:**	4
NAICS Code:	812210	**Compliance Status Description:**	IN COMPLIANCE - CERTIFICA

NAICS Code Description:	Funeral Homes and Funeral Services	Date Plant Information Last Updated:	07/19/2012

Air Program Information

Air Program Code	Air Program Description	Air Program Status	Air Program Status Description	Air Program Subpart	Air Program Subpart Description	Class Code	Class Code Description	Compliance Status	Compliance Status Description
0	SIP	O	OPERATING			B	POTENTIAL UNCONTROLLED EM	4	IN COMPLIANCE - CERTIFICA

Pollutant Data

Air Program Code	Pollutant Code / CAS Number	Pollutant / CAS Description	Attain Indicator	Attain Indicator Description	Pollutant Compliance Status	ES Pollutant Compliance Description	Pollutant Class Code	Pollutant Class Description
0	PT	TOTAL PARTICULATE MATTER	A	ATTAINMENT AREA FOR A GIV	4	IN COMPLIANCE - CERTIFICA	B	POTENTIAL UNCONTROLLED EM
0	VE	VISIBLE EMISSIONS	A	ATTAINMENT AREA FOR A GIV	4	IN COMPLIANCE - CERTIFICA	UK	UNKNOWN POLLUTANT CLASSIF

Compliance Monitoring Strategy

CMS Start Date	FY2008 CMS Indicator	FY2008 CMS Indicator Description	FY2009 CMS Indicator	FY2009 CMS Indicator Description

Plant Actions

Action Number	Key Action Numbers	Air Program Codes	National Action Type	National Action Description	Action Type	Action Description	Date Achieved	Penalty Amount	Results Code	Results Code Description	Pollutant Code	Regional Data Element	Regional Data Element 16
00002		0	PS	STATE/LOCAL PCE/ON-SITE	PS	STATE/LOCAL PARTIAL COMPLIANCE EVALUATION - ONSITE	02-MAR-12		19	IN COMPLIANCE			
00001		0	PS	STATE/LOCAL PCE/ON-SITE	PS	STATE/LOCAL PARTIAL COMPLIANCE EVALUATION - ONSITE	27-FEB-07		19	IN COMPLIANCE			

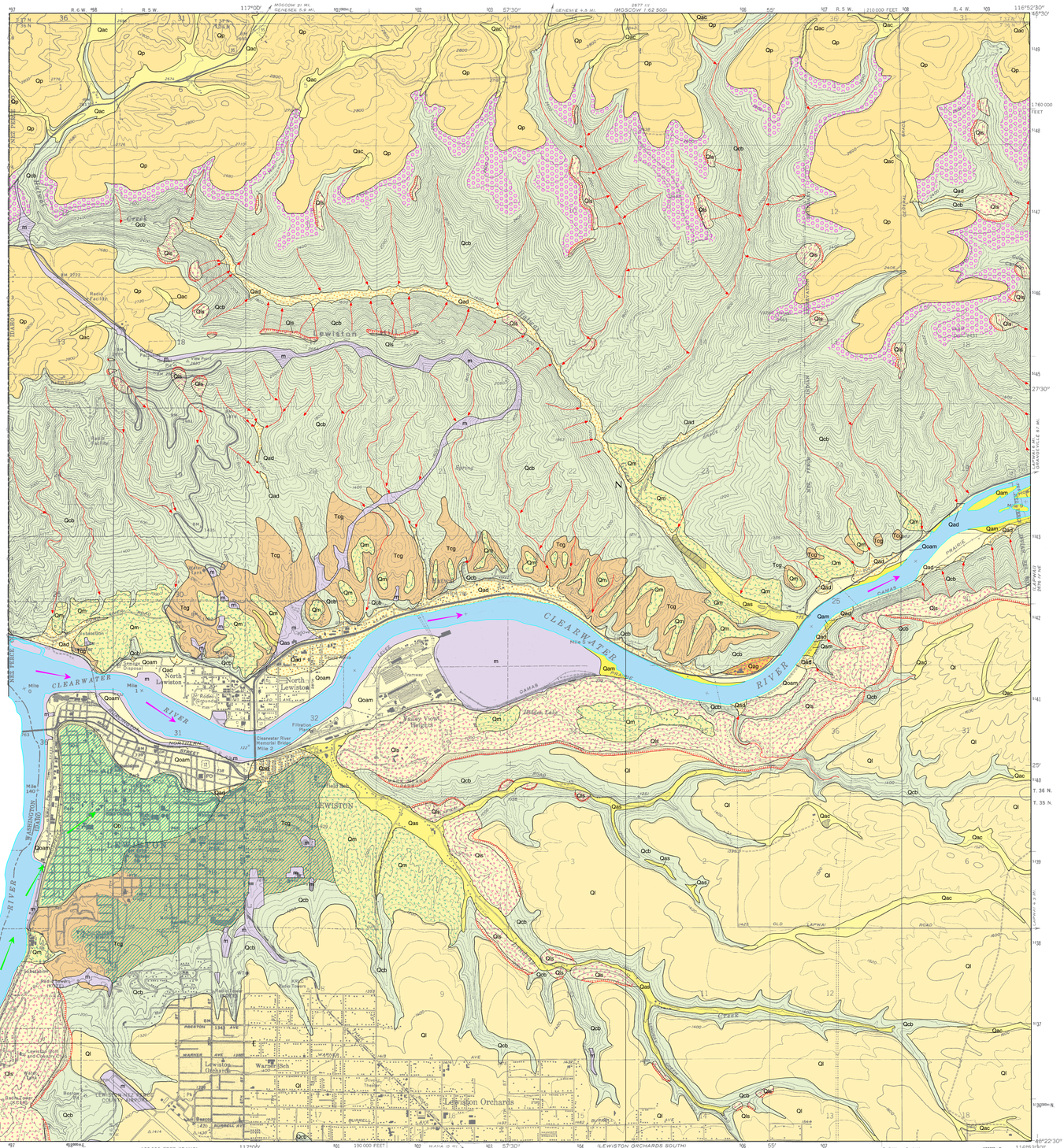
Data Refresh Information

<https://epa.gov/resources/echo-data/about-the-data#sources>

Surficial Geologic Map of the Lewiston Orchards North Quadrangle and Part of the Clarkston Quadrangle, Nez Perce County, Idaho

Kurt L. Othberg, Roy M. Breckenridge, and Daniel W. Weisz

2003



USGS science for a changing world

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

CLARKSTON QUADRANGLE
WASHINGTON—IDAHO
7.5 MINUTE SERIES (TOPOGRAPHIC)

2577 I SW (COLTON)
2677 III (MOSCOW 1:62 500)
PULLMAN 19 MI.
UNIONTOWN 2.5 MI.
2577 II SE (UNIONTOWN)
GENESEE 4 MI.
MOSCOW 21 MI.
2576 I NW (SILCOTT)
POMEROY 24 MI.
SILCOTT 3.6 MI.
2576 IV NW (LEWISTON ORCHARDS NORTH)
TO US 12
SPALDING 10 MI.
TO US 12
SPALDING 11 MI.
(ROCKPILE CREEK) 2576 I SW
(LEWISTON ORCHARDS SOUTH) 2576 IV SW

117°07'30" 46°30' 160 000 FEET (IDAHO) 117°00' 46°30'
1 760 000 FEET (IDAHO) 440 000 FEET (WASH.)
400 000 FEET (WASH.) 1 720 000 FEET (IDAHO)
46°22'30" 2 860 000 FEET (WASH.) 180 000 FEET (IDAHO) 46°22'30"
27'30" 25'

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1970. Field checked 1971

Projection: Washington coordinate system, south zone (Lambert conformal conic)
10,000-foot grid ticks based on Washington coordinate system, south zone and Idaho coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue. 1927 North American datum
To place on the predicted North American Datum 1983, move the projection lines 16 meters north and 78 meters east as shown by dashed corner ticks

Red tint indicates areas in which only landmark buildings are shown

GN MN 0°03' 1 MIL 20° 356 MILS
UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

WASHINGTON
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route U. S. Route State Route

CLARKSTON, WASH.—IDAHO
46117-D1-TF-024

1971

DMA 2576 I NE—SERIES V891

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1986

RECEIVED
FEB 28 2002
HISTORICAL MAP ARCHIVES
ISBN 0-607-57043-T
9 780607 570434
20% TOTAL RECOVERED FIBER

February 28, 2024
Atlas File Number: B240120e

ELAINE HILL
DIVISION OF PUBLIC WORKS
502 N. 4th Street
Boise, ID 83702

Project: Idaho State Veterans Home – 821 21st Avenue, Lewiston, ID

MS. HILL:

Atlas Technical Consultants, LLC (Atlas) has conducted a client-directed asbestos survey of areas scheduled to be disturbed by renovation activities at the Idaho State Veterans Home in Lewiston, Idaho. The survey was conducted on February 14, 2024, and included approximately 40,000-square feet of the assisted living facility where the planned remodel will take place. Central office spaces, all current resident rooms, and select exterior components, will reportedly be impacted during the renovation. The single-story structure was built in 1994 and has been updated over the past few years.

At the time of the survey, the building was occupied and furnished. Portions of the areas surveyed may not have been accessible, specifically wiring. Our survey did not detect asbestos containing materials (ACM) within the select areas sampled.

Atlas was able to perform some limited destructive sampling within the areas scheduled for renovation, which included exposing walls, ceilings, removing floor coverings, etc. However, Atlas cannot guarantee that hidden ACM is not still present in the building without complete deconstruction of the structure. Additional sampling may be necessary if demolition or renovation activities expose previously unidentified suspect materials. During demolition or renovation activities, a National Emission Standard for Hazardous Air Pollutants (NESHAP) Competent Person should be on site in the event additional ACM is discovered and/or disturbed.

A representative sample of the building materials to be disposed of after demolition activities was collected for lead waste characterization. The analytical results indicated that the waste stream as identified and collected was below the regulatory limit; therefore, the waste stream is not considered hazardous and can be disposed of as construction debris. However, the contractor will need to follow OSHA's Lead in Construction Rule and either provide historical data no older than one (1) year that shows similar techniques, equipment, and the same personnel completing the present tasks, or an initial exposure assessment will need to be performed during demotion or disturbance of painted components.

Atlas is pleased to have this opportunity to serve you and looks forward to a continuing relationship as your environmental consultant. If you have any questions regarding this letter or the attached analytical results, please feel free to contact Atlas at **(208) 376-4748.**

Respectfully Submitted,





Caleb Gans
Environmental Technician

Reviewed by: Allyssa Richards
Environmental Specialist

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

February 21, 2024 Atlas File#: B240120e

ELAINE HILL
IDAHO DIVISION OF PUBLIC WORKS
502 N. 4TH STREET
BOISE, ID 83702

Project: Idaho State Veterans Home - 821 21st Ave., Lewiston, ID
Date Received: 2/14/2024
Project Number:
Date Reported: 2/21/2024

Atlas Technical Consultants, LLC has conducted the following survey of the above-mentioned project per the client's request. Please reference the Cover Letter for location, quantity, and condition of each of the materials sampled below.

ASBESTOS BULK SAMPLE ANALYSIS REPORT

Sample Number	Lab Number	Sample Type, Location, and Description	Asbestos Fibers	Non-Asbestos Fibers	Non-Fibrous Materials	Comments
1-1	B211263	2' x 4' split ceiling tile – room 006 – tan semi compact fibrous	NAD	70% cellulose, 25% mineral wool	5% other	
1-2	B211264	Layer 1 – paint – room 012 – white resilient	NAD		100% other	
		Layer 2 - 2' x 4' split ceiling tile – tan semi compact fibrous	NAD	70% cellulose, 25% mineral wool	5% other	
1-3	B211265	2' x 4' split ceiling tile – room 015 – tan semi compact fibrous	NAD	70% cellulose, 25% mineral wool	5% other	
1-4	B211266	2' x 4' split ceiling tile – room 020 – tan semi compact fibrous	NAD	70% cellulose, 25% mineral wool	5% other	
1-5	B211267	Layer 1 – paint – room 024 – white resilient	NAD		100% other	
		Layer 2 – 2' x 4' split ceiling tile – tan semi compact fibrous	NAD	70% cellulose, 25% mineral wool	5% other	
1-6	B211268	Layer 1 – paint – nurses services – white resilient	NAD		100% other	
		Layer 2 – 2' x 4' split ceiling tile – tan semi compact fibrous	NAD	70% cellulose, 25% mineral wool	5% other	
1-7	B211269	Layer 1 – paint – nurses services – white resilient	NAD		100% other	
		Layer 2 – 2' x 4' split ceiling tile – tan semi compact fibrous	NAD	70% cellulose, 25% mineral wool	5% other	
2-8	B211270	Fireproofing – basement – grey loose fibrous	NAD	50% mineral wool, 5% cellulose	45% other	
2-9	B211271	Fireproofing – basement - grey loose fibrous	NAD	50% mineral wool, 5% cellulose	45% other	
2-10	B211272	Fireproofing – basement – grey loose fibrous	NAD	50% mineral wool, 5% cellulose	45% other	
2-11	B211273	Fireproofing – basement – grey loose fibrous	NAD	50% mineral wool, 5% cellulose	45% other	

Copyright © 2022 Atlas Technical Consultants

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

Sample Number	Lab Number	Sample Type, Location, and Description	Asbestos Fibers	Non-Asbestos Fibers	Non-Fibrous Materials	Comments
2-12	B211274	Fireproofing – basement - grey loose fibrous	NAD	50% mineral wool, 5% cellulose	45% other	
2-13	B211275	Fireproofing – basement – grey loose fibrous	NAD	50% mineral wool, 5% cellulose	45% other	
2-14	B211276	Fireproofing – basement – grey loose fibrous	NAD	50% mineral wool, 5% cellulose	45% other	
3-15	B211277	Layer 1 – paint – day area – white resilient	NAD		100% other	
		Layer 2 – 2' x 4' ceiling tile squares – tan semi compact fibrous	NAD	70% cellulose, 25% mineral wool	5% other	
3-16	B211278	Layer 1 – paint – day area – white resilient	NAD		100% other	
		Layer 2 – 2' x 4' ceiling tile squares – tan semi compact fibrous	NAD	70% cellulose, 25% mineral wool	5% other	
3-17	B211279	Layer 1 – paint – day area – white resilient	NAD		100% other	
		Layer 2 – 2' x 4' ceiling tile squares – tan semi compact fibrous	NAD	70% cellulose, 25% mineral wool	5% other	
4-18	B211280	Layer 1 – paint – 012 NE corner – off-white resilient	NAD		100% other	No surfacing layer present
		Layer 2 – drywall – white semi compact powdery with fibers	NAD	10% cellulose, 1% fiberglass	89% other	
4-19	B211281	Layer 1 – paint – 015 – off-white resilient	NAD		100% other	
		Layer 2 – light orange peel texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
		Layer 3 – drywall – white semi compact powdery with fibers	NAD	10% cellulose, 1% fiberglass	89% other	
4-20	B211282	Layer 1 – paint – 024 – off-white resilient	NAD		100% other	
		Layer 2 – light orange peel texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
		Layer 3 – drywall – pink semi compact powdery with fibers	NAD	10% cellulose, 1% fiberglass	89% other	
4-21	B211283	Layer 1 – paint – 042 – off-white resilient	NAD		100% other	
		Layer 2 – light orange peel texture – white semi compact powdery with fibers	NAD	2% cellulose	98% other	
		Layer 3 – paint – off-white resilient	NAD		100% other	
		Layer 4 – light orange peel texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
		Layer 5 – drywall – pink semi compact powdery with fibers	NAD	10% cellulose, 1% fiberglass	89% other	

Copyright © 2022 Atlas Technical Consultants

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

Sample Number	Lab Number	Sample Type, Location, and Description	Asbestos Fibers	Non-Asbestos Fibers	Non-Fibrous Materials	Comments
4-22	B211284	Layer 1 – paint – 070 – off-white resilient	NAD		100% other	
		Layer 2 – light orange peel texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
		Layer 3 – drywall – pink semi compact powdery with fibers	NAD	10% cellulose, 1% fiberglass	89% other	
4-23	B211285	Layer 1 – paint – 101 – off-white resilient	NAD		100% other	
		Layer 2 – drywall – pink semi compact powdery with fibers	NAD	10% cellulose, 1% fiberglass	89% other	
4-24	B211286	Layer 1 – paint – nurse services – off-white resilient	NAD		100% other	
		Layer 2 – light orange peel texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
		Layer 3 – drywall – white semi compact powdery with fibers	NAD	10% cellulose, 1% fiberglass	89% other	
5-25	B211287	Layer 1 – paint – 012 – off-white resilient	NAD		100% other	
		Layer 2 – light orange peel texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
		Layer 3 – joint tape – cream fibrous	NAD	100% cellulose		
		Layer 4 – joint compound – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
		Layer 5 – backing – tan fibrous	NAD	100% cellulose		
5-26	B211288	Layer 1 – paint – 015 – off-white resilient	NAD		100% other	
		Layer 2 – light orange peel texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
		Layer 3 – joint tape – cream fibrous	NAD	100% cellulose		
		Layer 4 – joint compound – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
5-27	B211289	Layer 1 – paint – 024 – off-white resilient	NAD		100% other	
		Layer 2 – light orange peel texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
		Layer 3 – joint tape – cream fibrous	NAD	100% cellulose		
		Layer 4 – joint compound – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
		Layer 5 – drywall – pink semi compact powdery with fibers	NAD	10% cellulose, 1% fiberglass	89% other	
5-28	B211290	Layer 1 – paint – 101 – off-white resilient	NAD		100% other	

Copyright © 2022 Atlas Technical Consultants

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

Sample Number	Lab Number	Sample Type, Location, and Description	Asbestos Fibers	Non-Asbestos Fibers	Non-Fibrous Materials	Comments
		Layer 2 – light orange peel texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
		Layer 3 – joint tape – cream fibrous	NAD	100% cellulose		
		Layer 4 – joint compound – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
		Layer 5 – drywall – pink semi compact powdery with fibers	NAD	10% cellulose, 1% fiberglass	89% other	
5-29	B211291	Layer 1 – paint – nurse services – off-white resilient	NAD		100% other	
		Layer 2 – light orange peel texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
		Layer 3 – joint tape – cream fibrous	NAD	100% cellulose		
		Layer 4 – joint compound – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
		Layer 5 – drywall – white semi compact powdery with fibers	NAD	10% cellulose, 1% fiberglass	89% other	
6-30	B211292	Wallpaper – room 077 – cream and tan mottled pattern fibrous	NAD	90% cellulose	10% other	
6-31	B211293	Wallpaper – room 077 – cream and tan mottled pattern fibrous	NAD	90% cellulose	10% other	
6-32	B211294	Wallpaper – room 077 – cream and tan mottled pattern fibrous	NAD	90% cellulose	10% other	
7-33	B211295	Layer 1 – carpet mastic – 015 – tan brittle	NAD		100% mastic	
		Layer 2 – carpet mastic – green pliable with fibers	NAD	10% cellulose	90% other	
7-34	B211296	Layer 1 – carpet mastic – 021 – tan brittle	NAD		100% mastic	
		Layer 2 – flooring compound – white semi compact powdery with fibers	NAD	2% cellulose	98% other	
		Layer 3 – carpet mastic – green pliable with fibers	NAD	10% cellulose	90% other	
7-35	B211297	Layer 1 – carpet mastic – 024 – tan brittle	NAD		100% mastic	
		Layer 2 – carpet mastic – green pliable with fibers	NAD	10% cellulose	90% other	
7-36	B211298	Layer 1 – carpet mastic - nurse services – tan brittle	NAD		100% mastic	
		Layer 2 – carpet mastic – green pliable with fibers	NAD	10% cellulose	90% other	
		Layer 3 – flooring compound – off-white semi compact powdery with fibers	NAD	2% cellulose	98% other	
7-37	B211299	Layer 1 – carpet mastic – nurse services – tan brittle	NAD		100% mastic	

Copyright © 2022 Atlas Technical Consultants

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

Sample Number	Lab Number	Sample Type, Location, and Description	Asbestos Fibers	Non-Asbestos Fibers	Non-Fibrous Materials	Comments
		Layer 2 – carpet mastic – green pliable with fibers	NAD	10% cellulose	90% other	
8-38	B211300	Layer 1 – carpet tile mastic – 004 – tan brittle	NAD		100% mastic	
		Layer 2 – carpet tile mastic – green pliable with fibers	NAD	5% cellulose	95% other	
8-39	B211301	Layer 1 – carpet tile mastic – 004 – tan brittle	NAD		100% mastic	
		Layer 2 – carpet tile mastic – green pliable with fibers	NAD	5% cellulose	95% other	
9-40	B211302	Layer 1 – 4” cove base – 042 – brown compact pliable	NAD		100% other	
		Layer 2 – mastic – cream pliable	NAD		100% mastic	
		Layer 3 – texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
9-41	B211303	Layer 1 – 4” cove base – 070 – brown compact pliable	NAD		100% other	
		Layer 2 – mastic – cream pliable	NAD		100% mastic	
		Layer 3 – texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
9-42	B211304	Layer 1 – 4” cove base – 101 – brown compact pliable	NAD		100% other	
		Layer 2 – mastic – cream pliable	NAD		100% mastic	
		Layer 3 – texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
9-43	B211305	Layer 1 – 4” cove base – HVAC closet – brown compact pliable	NAD		100% other	
		Layer 2 – mastic – cream pliable	NAD		100% mastic	
		Layer 3 – paint – off-white resilient	NAD		100% other	
9-44	B211306	Layer 1 – 4” cove base – dining – brown compact pliable	NAD		100% other	
		Layer 2 – mastic – cream pliable	NAD		100% mastic	
10-45	B211307	Layer 1 – 4” cove base – 012 - cream compact pliable	NAD		100% other	
		Layer 2 – mastic – cream pliable	NAD		100% mastic	
		Layer 3 – texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
10-46	B211308	Layer 1 – 4” cove base – 012 – cream compact pliable	NAD		100% other	
		Layer 2 – mastic – cream pliable	NAD		100% mastic	
		Layer 3 – texture – white semi compact powdery with fibers	NAD	1% cellulose	99% other	
11-47	B211309	Layer 1 – flooring – 017 – cream compact aggregate resilient	NAD		100% other	
		Layer 2 – mastic – olive pliable	NAD		100% mastic	
11-48	B211310	Layer 1 – flooring – 017 – cream compact aggregate resilient	NAD		100% other	

Copyright © 2022 Atlas Technical Consultants

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

Sample Number	Lab Number	Sample Type, Location, and Description	Asbestos Fibers	Non-Asbestos Fibers	Non-Fibrous Materials	Comments
		Layer 2 – mastic – olive pliable	NAD		100% mastic	
12-49	B211311	Laminate flooring – 042 – brown woodgrain pattern compact resilient with fibers	NAD	10% fiberglass	90% other	
12-50	B211312	Layer 1 – laminate flooring – 070 – brown woodgrain pattern compact resilient with fibers	NAD	10% fiberglass	90% other	
		Layer 2 – mastic – tan pliable	NAD		100% mastic	
13-51	B211313	Layer 1 – SVF – HVAC closet – light brown compact resilient	NAD		100% other	
		Layer 2 – mastic – tan pliable	NAD		100% mastic	
13-52	B211314	Layer 1 – SVF – HVAC closet – light brown compact resilient	NAD		100% other	
		Layer 2 – mastic – tan pliable	NAD		100% mastic	
14-53	B211315	Layer 1 – 12” VFT – 012 – white compact aggregate resilient	NAD		100% other	
		Layer 2 – mastic – tan pliable	NAD		100% mastic	
		Layer 3 – leveling compound – grey semi compact powdery with fibers	NAD	5% cellulose	95% other	
14-54	B211316	Layer 1 – 12” VFT – 012 – white compact aggregate resilient	NAD		100% other	
		Layer 2 – mastic – tan pliable	NAD		100% mastic	
		Layer 3 – leveling compound – grey semi compact powdery with fibers	NAD	5% cellulose	95% other	
15-55	B211317	Layer 1 – flooring – kitchen – orange compact aggregate resilient	NAD		100% other	
		Layer 2 – caulking – white pliable	NAD		100% other	
		Layer 3 – backing – white fibrous	NAD	100% fiberglass		
		Layer 4 – backing – pink fibrous	NAD	80% cellulose, 20% synthetic		
		Layer 5 – mastic – tan pliable	NAD		100% mastic	
		Layer 6 – flooring – white compact resilient	NAD		100% other	
15-56	B211318	Layer 1 – flooring – kitchen – orange compact aggregate resilient	NAD		100% other	
		Layer 2 – backing – white fibrous	NAD	100% fiberglass		
		Layer 3 – backing – pink fibrous	NAD	80% cellulose, 20% synthetic		
		Layer 4 -mastic – tan pliable	NAD		100% mastic	
16-57	B211319	Layer 1 – 4” ceramic tile – kitchen – white-peach hard aggregate	NAD		100% other	
		Layer 2 – mastic – cream pliable	NAD		100% mastic	
		Layer 3 – backing – tan fibrous	NAD	100% cellulose		
16-58	B211320	Layer 1 – 4” ceramic tile – kitchen – white-peach hard aggregate	NAD		100% other	
		Layer 2 – mastic – cream pliable	NAD		100% mastic	
		Layer 3 – backing – tan fibrous	NAD	100% cellulose		

Copyright © 2022 Atlas Technical Consultants

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

Sample Number	Lab Number	Sample Type, Location, and Description	Asbestos Fibers	Non-Asbestos Fibers	Non-Fibrous Materials	Comments
17-59	B211321	Layer 1 – 1" x 2" ceramic tile – 014 – beige hard aggregate	NAD		100% other	
		Layer 2 – mortar – white cementitious granular	NAD		100% other	
17-60	B211322	Layer 1 – 1" x 2" ceramic tile – 014 – beige hard aggregate	NAD		100% other	
		Layer 2 – mortar – white cementitious granular	NAD		100% other	
18-61	B211323	Layer 1 – 12" ceramic tile – 127 – white hard aggregate with fibers	NAD	1% cellulose	99% other	
		Layer 2 – grout – tan cementitious granular	NAD		100% other	
		Layer 3 – mortar – grey cementitious granular	NAD		100% other	
18-62	B211324	Layer 1 – 12" ceramic tile – 127 – white hard aggregate with fibers	NAD	1% cellulose	99% other	
		Layer 2 – grout – tan cementitious granular	NAD		100% other	
		Layer 3 – mortar – grey cementitious granular	NAD		100% other	
19-63	B211325	Layer 1 – 18" ceramic tile – dining – brown-grey hard aggregate	NAD		100% other	
		Layer 2 – grout – grey cementitious granular	NAD		100% other	
		Layer 3 – mortar – white semi compact powdery	NAD		100% other	
19-64	B211326	Layer 1 – 18" ceramic tile – dining – brown-grey hard aggregate	NAD		100% other	
		Layer 2 – grout – grey cementitious granular	NAD		100% other	
		Layer 3 – mortar – white semi compact powdery	NAD		100% other	
20-65	B211327	Layer 1 – paint – exterior – off-white resilient	NAD		100% other	
		Layer 2 – plaster soffit – grey cementitious granular with fibers	NAD	2% cellulose	98% other	
		Layer 3 – backing – white fibrous	NAD	100% fiberglass		
20-66	B211328	Layer 1 – paint – exterior – off-white resilient	NAD		100% other	
		Layer 2 – plaster soffit – grey cementitious granular with fibers	NAD	2% cellulose	98% other	
		Layer 3 – backing – white fibrous	NAD	100% fiberglass		
20-67	B211329	Layer 1 – paint – exterior – off-white resilient	NAD		100% other	
		Layer 2 – plaster soffit – grey cementitious granular with fibers	NAD	2% cellulose	98% other	
		Layer 3 – backing – white fibrous	NAD	100% fiberglass		

Copyright © 2022 Atlas Technical Consultants

2791 S. Victory View Way
Boise, ID 83709
208.376.4748 | oneatlas.com

Sample Number	Lab Number	Sample Type, Location, and Description	Asbestos Fibers	Non-Asbestos Fibers	Non-Fibrous Materials	Comments
21-68	B211330	Layer 1 – 3" x 20" brick – exterior – brown hard aggregate with fibers	NAD	2% cellulose	98% other	
		Layer 2 – mortar – tan cementitious granular	NAD		100% other	
21-69	B211331	Layer 1 – 3" x 20" brick – exterior – brown hard aggregate with fibers	NAD	2% cellulose	98% other	
		Layer 2 – mortar – tan cementitious granular	NAD		100% other	
22-70	B211332	Layer 1 – 3" x 8" brick – exterior – brown hard aggregate with fibers	NAD	2% cellulose	98% other	
		Layer 2 – mortar – tan cementitious granular	NAD		100% other	
22-71	B211333	Layer 1 – 3" x 8" brick – exterior – brown hard aggregate with fibers	NAD	2% cellulose	98% other	
		Layer 2 – mortar – tan cementitious granular	NAD		100% other	
23-72	B211334	Layer 1 – brick – exterior – tan hard aggregate with fibers	NAD	2% cellulose	98% other	
		Layer 2 – mortar – tan cementitious granular	NAD		100% other	
23-73	B211335	Layer 1 – brick – exterior – tan hard aggregate with fibers	NAD	2% cellulose	98% other	
		Layer 2 – mortar – tan cementitious granular	NAD		100% other	

Glossary of Acronyms

NAD - No Asbestos Detected
PS – Positive Stop – Not Analyzed
TRACE - Detectable but not quantifiable
IS - Insufficient Sample -percentages may be inaccurate

Sampled by: Caleb Gans

Thomas Johnson

Analyzed by: Thomas Johnson
Microscopist

Sample components are identified using polarized light microscopy (PLM) coupled with dispersion staining methods as determined by visual estimation. Small asbestos fibers may not be detected by PLM due to the resolution limitations of the optical microscope. Detecting asbestos in non-friable organically bound materials is not consistently reliable using PLM analysis. The non-detection of asbestos fibers in floor tile by PLM is of itself inconclusive. Confirmation by Transmission Electron Microscope (TEM) is recommended for negative floor tile samples. This test report relates only to the items tested in the sample as submitted to the laboratory.

Analysis method: Polarized Light Microscopy (PLM) by EPA/600/R-93/116 with Central Stop Dispersion by NIOSH 9002
American Industrial Hygiene Association (AIHA) Performance Analytical Testing (PAT) Laboratory Number 101571

Copyright © 2022 Atlas Technical Consultants

Eurofins Built Environment Testing
3113 Red Bluff Road Pasadena, Texas 77503
Phone: (713) 290-0223 – Fax: (832) 831-5669
www.EurofinsBuiltEnv.com

Lead by TCLP Extraction Performed by Flame AA – USEPA SW846 7000B/1311 (Mod.)

Caleb Gans
Atlas Technical Consultants LLC
2791 S. Victory View Way
Boise, ID 83709

Order #: 3548357
Project #: B240120e-Lewiston State Vets Home
Receipt Date: 21-Feb-2024
Analysis Date: 23-Feb-2024
Report Date: 23-Feb-2024

B240120e-Lewiston State Vets Home

SAMPLE ID	REPORTING LIMIT (mg/L)	LEAD CONCENTRATION (mg/L)
TCLP-1	0.25	< 0.25

N/A = Not Applicable

Analyst: Joseph Martinez

Scott Ward, Ph.D. Lab Director

Results apply to the sample as received and relate only to the items tested. The analysis has been conducted according to the method(s) listed above. Blank corrections are not applied to data unless requested by the customer. This report is for the exclusive use of the addressed customer and shall not be reproduced except in full without written approval by Eurofins J3 Resources, Inc. (EJ3). EJ3 is an EPA NLLAP recognized lab by the AIHA-LAP, LLC ELLAP (Lab ID: 157714). Unless otherwise noted, all quality control samples performed within specifications established by the laboratory. The estimated accuracy is solely based on recovery data from internal laboratory control samples at the 95% confidence interval (k = ~2) of the level of concern, derived from a 1,000 ppm lead certified reference standard. The estimated accuracy does not account for uncertainty associated with the sampling process. Accuracy = +/-12%, Recovery = 95%.

THE ASBESTOS INSTITUTE

Certifies that

Caleb Gans

has attended and received instruction in the EPA approved course

AHERA Building Inspector Refresher

on

February 21, 2024

and successfully completed and passed the competency exam.

Certificate:
ON-188748-15435-022124

Date of Examination:
21-Feb-2024

Date of Expiration:
21-Feb-2025

William T. Cavness
Director

Approved Instructor

THE ASBESTOS INSTITUTE
20033 N. 19th Ave, Building 6, Phoenix, AZ 85027
602-864-6564 – www.theasbestosinstitute.com

The person receiving this certificate has completed the requisite training for asbestos accreditation under TSCA Title II.