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Geotechnical Engineering
Environmental Engineering
Construction Material Testing
Subsurface Exploration
Special Inspection

City of Spokane
Attn: Dan Buller, PE
808 W. Spokane Falls Blvd
Spokane, WA 99201

May 15, 2015

Proposal Number X-15114

PROJECT: Cora Avenue Well Site
Spokane, WA

SUBJECT: Preliminary Results of Environmental Exploration, Sampling and Chemical Analysis

Dear Mr. Buller,

This report presents the results of phase II environmental assessment of a proposed new production wellfield, pumping and maintenance facility for the City of Spokane Water Department.

PROJECT CONSIDERATIONS

The City is considering purchasing property from the Faith Bible Church located at 600 west Cora Avenue in Spokane, WA. The Faith Bible Church is located at the east end of the property; the proposed wellfield occupies the western 300 feet as illustrated on the Site Plan (Figure 2). The proposed wellfield will be housed in a 50 by 100 foot building centrally located on the parcel. The design production capacity will eventually be 40,000 GPM from four or five wells when fully developed.

The site is located at the toe of an alluvial terrace deposited during glacial outburst flooding. Sand and gravel were mined extensively along this stretch of Cora Avenue and along the terrace to the west. Sand and gravel production continued until the 1950's. The City used the gravel pit for disposal from 1953 to 1954. It was subsequently filled with soil, concrete, debris and other garbage. Development of the Faith Bible Church facilities in the early 1990's involved pre-loading the site to help reduce long term subsidence.

The southern portion of the site was developed into a mobile home park in 1974 at approximately the current grade. Most of the site is currently a flat field used for recreation by the Church and neighborhood. The northern portion of the site occupies the slope of the alluvial terrace. This slope is covered with fill material which was dumped from the top of the slope into

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the gravel pit. Past use and development of the property is illustrated in the attached historical aerial photographs and topographic maps.
Site conditions and history are described in the attached geotechnical report and phase 1 assessment report.

SCOPE
The scope of work was performed in accordance with generally accepted environmental engineering practices as outlined in our proposal dated March 18, 2015. It included the following:

- Review Phase I Environmental Assessment report, previous geotechnical investigation for the Faith Bible Church and research other readily available information
- Perform Ground Penetrating Radar (GPR) survey to identify and locate shallow buried objects
- Drill, log, sample and install one environmental monitoring well and one boring
- Log and sample 8 test pits excavated by City personnel
- Chemical analysis of representative soil and groundwater samples
- Document encountered conditions, evaluate results of chemical analysis with respect to current regulatory limits and prepare report

The scope of work performed is not comprehensive, but is intended to evaluate the types of materials present in the existing fill and sample groundwater for potential contaminants. Additional groundwater sampling and chemical analysis is currently in progress, along with geotechnical evaluation of the site. A test well is also proposed to evaluate the feasibility of wellfield development and facilitate design.

GROUND PENETRATING RADAR SURVEY
We surveyed the flat field area using a 100 MHZ ground penetrating radar antenna to help identify and locate shallow buried objects within the backfill. The antenna and survey was able to "see" 25 to 35 feet below grade. The survey was conducted on a ten foot rectangular grid 150 feet wide and 600 feet long, extending beyond the property across the former gravel pit to the east. The GPR survey identified several areas of interest which we used to determine the location for the test pits. The survey identified many small objects and utilities and showed some variation in the fill materials. It did not identify large buried objects such as tanks, car bodies, drums, or other large or obvious anomalies.

SUBSURFACE EXPLORATION
Test Pits:
The City of Spokane personnel excavated eight test pits on April 22, 2015 using a CAT 325 L with a 30 inch bucket. The test pits were excavated to the maximum depth capabilities of the equipment. We determined the depth of fill material and tried to reach the native deposits where possible. We encountered a substantial amount of debris within the fill material including: glass, porcelain, metal, dinnerware, and slag-like material and fire residue. The test pits on the northern side of the subject property had significantly more debris within the fill.

At Test Pit 3, we excavated to 20 feet and did not encounter native gravels. As we moved south, towards Cora Avenue the amount of debris decreased. The locations of the test pits are presented on the Site Plan; Test Pit Logs are attached along with photographs of the materials encountered.

We did not encounter significant organic materials such as lumber or yard waste. We did not observe typical municipal refuse such as plastic materials, drywall, clothing, appliances, metal parts, rubber tires, batteries, newspapers or other items commonly found in a typical landfill. Most of the material appeared to have been burned prior to disposal. The materials did not exhibit unusual odors. The amount of debris encountered varied by location and depth, and most of the fill material appeared to be sand and gravel. Occasional larger pieces of concrete, cobbles and boulders were present. The material was generally granular, well drained. Most of it would be suitable for structural support if compacted or otherwise stabilized

We obtained samples from each test pit at varying depths. These samples were placed into appropriate storage containers for chemical analysis. We selected the samples which showed the greatest level of debris inclusions and took them to Anatek Labs Inc. in Spokane, WA for chemical analysis. These Test Pits were TP-3, TP-1 and TP-8.

Monitoring Well:
On April 28, 2015, Budinger and Associates Inc. drilled a monitoring well at the northwest corner of the property using a Mobile B-57 with 6 inch cased air rotary tooling. The monitoring well was drilled to a depth of 100 feet. A two inch PVC casing was installed with 30 feet of 0.10 inch slotted wellscreen from 70 to 100 feet below grade and a filter pack of #10-20 silica sand from 100 feet to 65 feet below grade.

The top 16 feet of material encountered during drilling is composed of gravel with sand & silt with occasional debris. A red brick was found at three feet. Native gravels (flood deposits) were found at 16 feet at this location consisting of gravel, coarse sand, occasional silt, occasional cobbles and trace boulders.

The well was developed on April 30, 2015 by placing a submersible pump within the well and purging until clear to remove fine sediments that may impede infiltration. The well depth and water table were measured by using an electronic well sounder. The well depth was recorded as 102.8 feet from the top of the six inch, above ground protective steel casing. The static water table was recorded at 77.52 feet from the top of casing.

Since the water table was approximately 25 feet above the bottom of the well, only the bottom 25 feet of the screen could be developed. This was conducted by placing the submersible pump at the bottom of the well and purging until clear. Then the pump was utilized to agitate and purge water in five-foot increments until clear. Once the length of screen had been purged of fine sediments, the pump was then placed at the bottom of the well and purged again until clean. A total of 265 gallons of water were purged from the well over the course of 4 hours.

Water samples were collected in appropriate sample containers provided by the analytical laboratory and taken directly to Anatek Labs Inc. under chain of custody for chemical analysis.

Geotechnical Exploration Boring:
A geotechnical exploration boring was drilled on April 29, 2015 at the center of the proposed building location by Budinger & Associates Inc. using a Mobile B-57 with 4 inch cased air rotary equipment and an automatic SPT hammer. Soil samples were collected every 2.5 feet using a Standard Penetration Test (SPT) sampler or 3" Split Spoon sampler. The samples were logged for geologic composition. The geotechnical boring was drilled to a depth of 35 feet. Fill material consisting of gravel, sand, silt, cobbles and boulders with some debris was encountered to a depth of 22 feet where native gravels (flood deposits) were encountered.

CHEMICAL ANALYSIS
The test pit samples were submitted to a WSDOE accredited laboratory (Anatek Labs Inc.) under chain of custody for analysis. These samples were composed of fill material obtained from TP-1, TP-3, and TP-8. These sites were selected due their high debris content in the fill. The samples were tested for petroleum hydrocarbons, polycyclic aromatic hydrocarbons (PAH's), PCB's, TCLP Metals, and RCRA8 Metals. Results are presented on the Laboratory Summary; analytical reports are attached.

Trace concentrations of PAH's were detected in one sample below regulatory action levels. Total lead and arsenic concentrations were elevated and above regulatory action levels for unrestricted site use, however, TCLP values are below regulatory limits. PCB's and petroleum hydrocarbons were not detected.

The groundwater sample was analyzed for the full suite of analytes required for public drinking water supplies excepting radionucleides. Analysis included inorganic contaminants (IOC's) such as metals and nitrates, volatile organic compounds (VOC's) including chlorinated and non-chlorinated solvents, and synthetic organic chemicals (SOC's) including pesticides and herbicides.

IOC results appear to be relatively normal. The only contaminant of concern detected was Tetrachloroethylene at 4 ppb. The maximum contaminant level for drinking water is 5 ppb, however, the action trigger level is 0.5 ppb and the goal is 0 ppb.

We have not identified the source of the tetrachloroethylene in the sample. It could be from fill material in the gravel pit, from drilling and well installation materials, sampling equipment, or in the groundwater. It was not detected in the trip blank sample. We are reviewing the laboratory quality control data and test results and researching available information for potential nearby sources.

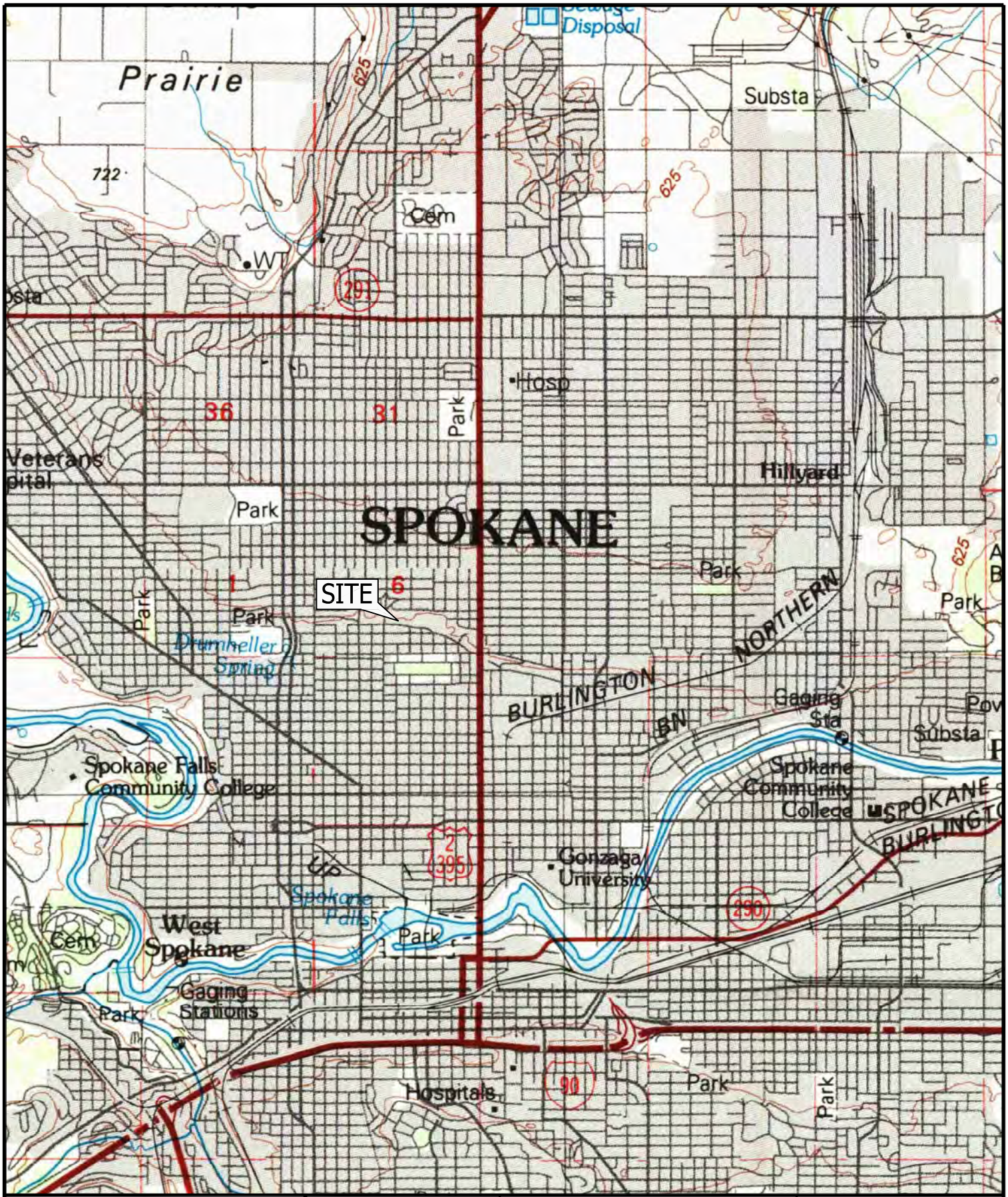
At the time of this report, we are re-sampling the well with additional quality assurance measures such as field blank samples and equipment rinsate samples. Results will be transmitted and a final report will be prepared when available.

Thank you for the opportunity to provide our services. Should you have any questions, please call.

Respectfully Submitted:
BUDINGER & ASSOCIATES

Stephen D. Burchett, PE
Principal

SDB
Addressee – via email



N

SCALE: 1"=4000'

0 2000 4000

USGS MAP
1987

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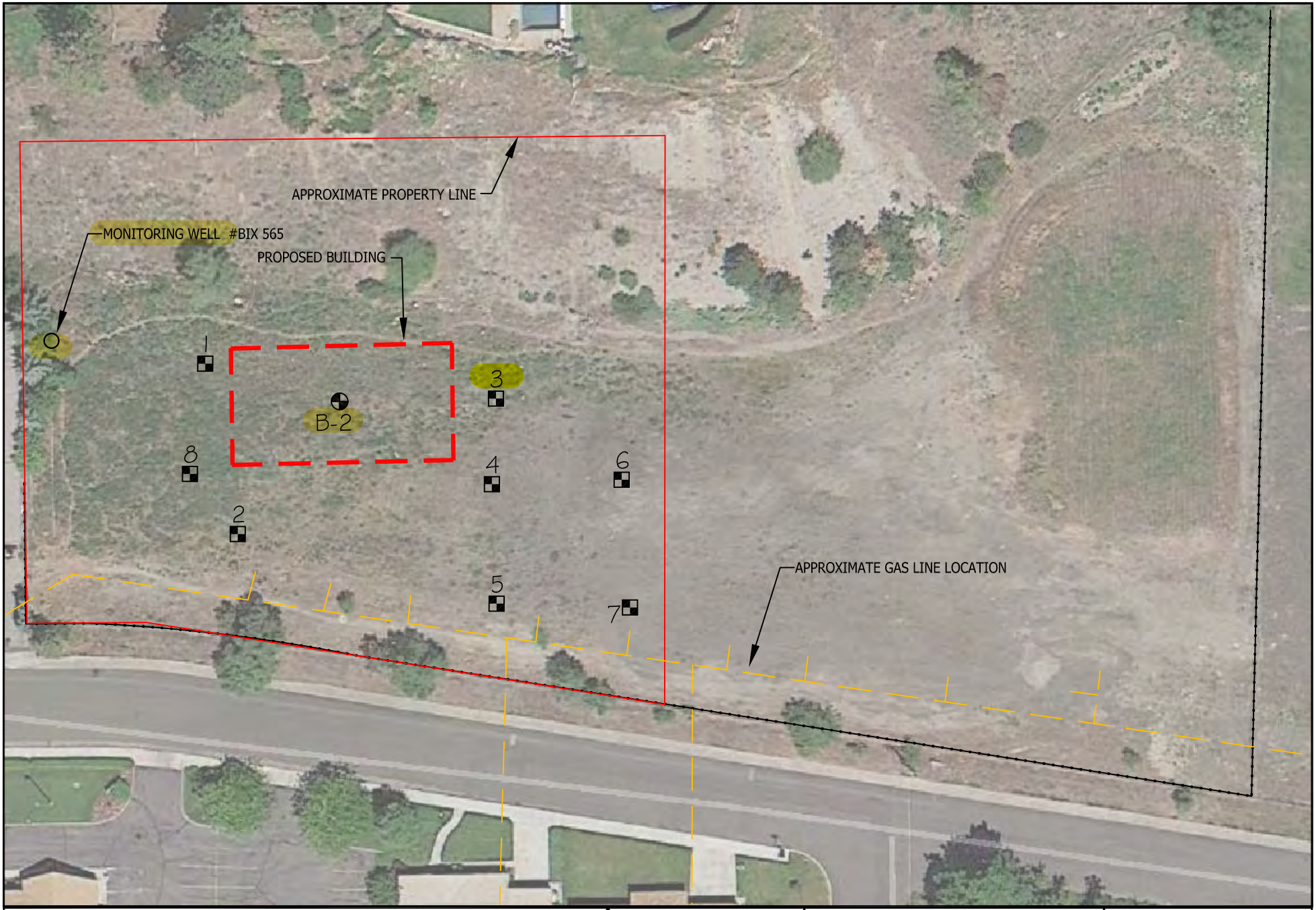
& Associates

VICINITY MAP	FIGURE 1
CORA AVENUE WELL SITE SPOKANE, WASHINGTON	PROJECT NUMBER X15114
	DATE: 5/2015



GOOGLE EARTH IMAGE
APPROXIMATE SCALE: 1"=60'
0 30 60

N

=TEST BORING LOCATION
=TEST PIT LOCATION AND NUMBER

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SITE PLAN

CORA AVENUE WELL SITE
SPOKANE, WASHINGTON

FIGURE 4

PROJECT NUMBER X15114

DATE: 4/2015

N

SCALE: 1"=100'

0 50 100

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USGS TOPOGRAPHIC MAP, 1950

CORA AVENUE WELL SITE
SPOKANE, WASHINGTON

FIGURE 5

PROJECT NUMBER X15114

DATE: 5/2015

N

SCALE: 1"=100'

0 50 100

SPOKANE CITY
GIS IMAGE

Budinger
& Associates

SITE PLAN

CORA AVENUE WELL SITE
SPOKANE, WASHINGTON

FIGURE 2

PROJECT NUMBER X15114

DATE: 3/2015

Historical Aerial Photo

Site:

620 W. CORA
Spokane, WA

2013

Historical Aerial Photo

Site:

620 W. CORA
Spokane, WA

2003

Historical Aerial Photo

Site:

620 W. CORA
Spokane, WA

1995

Historical Aerial Photo

Site:

620 W. CORA
Spokane, WA

1982

Historical Aerial Photo

Site:

620 W. CORA
Spokane, WA

1972

Historical Aerial Photo

Site:

620 W. CORA
Spokane, WA

1962

Historical Aerial Photo

Site:

620 W. CORA
Spokane, WA

1953

Historical Aerial Photo

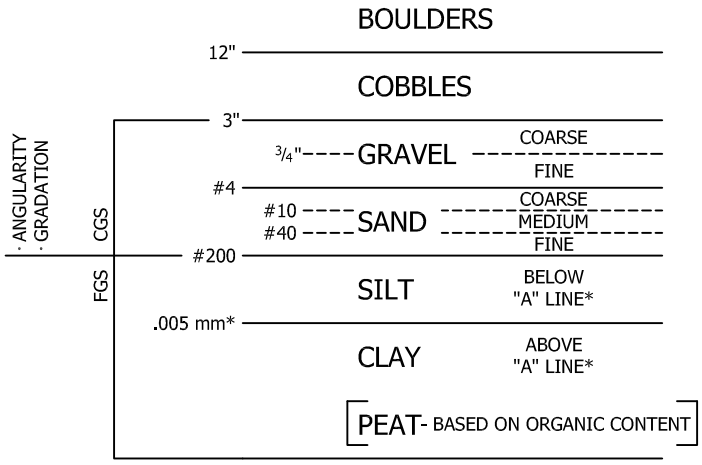
Site:

620 W. CORA
Spokane, WA

1946

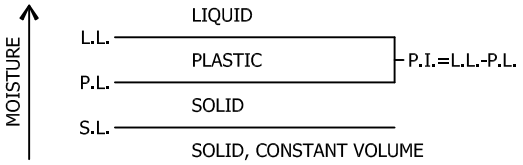
GUIDE TO SOIL & ROCK DESCRIPTIONS

SOIL CLASSIFICATION

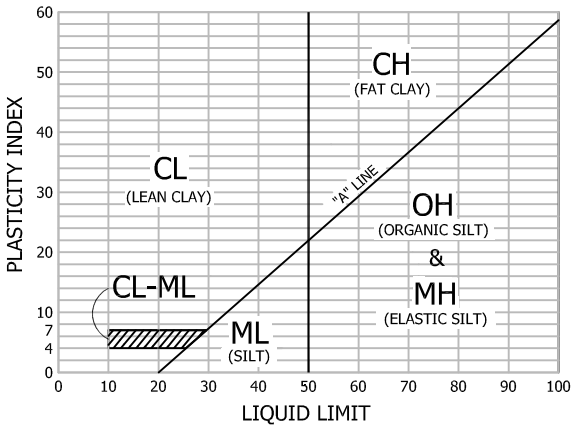


** SEE PLASTICITY CHART*
CGS - COARSE GRAINED SOIL - MORE THAN 50% RETAINED ON A #200 SIEVE
FGS - FINE GRAINED SOIL - 50% MORE PASSES, #200 SIEVE
FINES - PORTION FINER THAN #200 SIEVE

ATTERBERG LIMITS



PLASTICITY CHART



NOTE - CHART APPLIES TO FGS AND MINUS #40 SIEVE FRACTION OF CGS

GUIDE TO SOIL DESCRIPTION MODIFIERS, MOISTURE, AND CONDITION PRESENTED ON LOGS

MODIFIER	ESTIMATED PERCENTAGE OF MATERIAL
SUFFIX "LY" OR "Y"	30% OR MORE FOR COARSE PARTS IN FGS GREATER THAN 12% FOR FINES IN CGS
WITH	15% - 29% FOR COARSE PARTS IN FGS 5% - 12% FOR FINES IN CGS
SMALL AMOUNT	8% - 25%
TRACE/OCCASIONAL	1% - 12%

NOTE - BOUNDARIES APPLY ONLY TO CLASSIFICATIONS FROM LABORATORY TESTING. VISUAL ESTIMATES OF MATERIAL PERCENTAGES TYPICALLY VARY 0 TO 10% FROM THOSE DETERMINED BY LABORATORY TESTING.

MOISTURE

DRY
MOIST
SATURATED OR WET

SOIL CONDITION

CGS:
- VERY LOOSE
- LOOSE
- MEDIUM DENSE
- DENSE
- VERY DENSE

FGS:
- VERY SOFT
- SOFT
- MEDIUM STIFF
- STIFF
- VERY STIFF
- HARD

SAMPLES

- STANDARD 2" PENETRATION TEST SAMPLER WITH BLOWS PER FOOT
- 3" SPLIT SPOON SAMPLER WITH BLOWS PER FOOT
- DRILL CUTTING SAMPLE
- BULK SAMPLE
- THIN-WALLED TUBE SAMPLE
- DIAMOND CORE RUN WITH % RECOVERY & ROCK QUALITY DESIGNATION
- 4" SPLIT SPOON SAMPLER WITH BLOWS PER FOOT
- R — REFUSAL OF SAMPLE (50+ BLOWS PER 6")

ROCK WEATHERING	ROCK CONDITION
FRESH	EXTREMELY WEAK
SLIGHTLY WEATHERED	VERY WEAK
MODERATELY WEATHERED	MODERATELY WEAK
HIGHLY WEATHERED	MODERATELY STRONG
COMPLETELY WEATHERED	STRONG
RESIDUAL SOIL	VERY STRONG

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FIGURE 2

TEST BORING B-1 (MW)

Date of Boring: 4-28-15
Driller: Budinger & Assoc., Inc.
Type of Drill: Mobile B-57 with automatic SPT hammer
Location: Northwest corner of proposed building
Surface: grass and weeds

Elevation: 1936 ft
Logged by: D Callender
Size of hole: air rotary overburden system, 6.7 in O.D. casing

DEPTH	SAMPLES RQD, BLOW COUNTS N (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0		dry, brown, loose	GRAVEL with Silt and Sand, occasional cobbles and Debris (brick & glass), subangular to subrounded, trace organics in top 2 ft. (fill) Red brick debris	
20		slightly moist, brown, medium dense	SAND with Gravel, occassional cobble, trace Silt, poorly graded (coarse), subangular to subrounded. Native Gravels.	
30		dry, gray, medium dense	GRAVEL with Sand, occassional cobbles, trace Silt, poorly graded (fine), subangular to subrounded.	
55		dry, gray, medium dense	SAND, occassional Gravel, trace Silt, poorly graded (coarse), subangular to subrounded.	
60		slightly moist, gray, medium dense	GRAVEL with Sand, occassional Cobble, trace Silt, poorly graded (fine), subangular to subrounded.	
80			GROUND WATER at 80 ft.	
85		saturated, gray, medium dense	SAND with Gravel, occassional cobble, trace Silt, poorly graded (coarse), subangular to subrounded.	
100			End of Boring @ 100 ft	
105				

TEST RESULTS

ATTERBERG LIMITS
PL — LL
WATER CONTENT ○
STANDARD PEN TEST, N-VALUE (OBSERVED) ◪
3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

LOGS WITHOUT WELL WITH TESTS X15114 CORA AVENUE WELL SITE.GPJ BUDINGER.GDT 5/13/15

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BORING LOGS **FIGURE 4-9**

Project: Cora Avenue Well SIte
Location: Spokane, Washington
Number: X15114

TEST BORING B-2

Date of Boring: 4-29-15
Driller: Budinger & Assoc., Inc.
Type of Drill: Mobile B-57 with automatic SPT hammer
Location: Center of proposed building
Surface: grass and weeds

Elevation: 1936 ft
Logged by: D Callender
Size of hole: air rotary overburden system, 6.7 in O.D. casing

DEPTH	SAMPLES RQD, BLOW COUNTS N (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION
0		dry, dark brown, black, loose	GRAVEL with Silt and Sand, occasional Cobble, occassional Boulder, poorly graded (fine), subangular to subrounded, Debris (glass), Fill
	48 (83%)		
	53 (83%)	slightly moist, dark brown, red-brown,, loose	SAND with Silt and Gravel, occassional Cobble, occassional Boulder, poorly sorted (coarse), subangular to subrounded, Debris (glass, porceline). Fill
5			
10	42 (85%)		
15	4 (54%)		
		dry, brown, medium dense	GRAVEL with Silt and Sand, occassional Cobble, trace Boulder, well graded (fine), subangular to subrounded, Debris (glass & brick). Fill
20	1 (11%)		
		slightly moist, gray, medium dense	GRAVEL with Sand, occassional Cobble, trace Silt, poorly graded (fine), subangular to subrounded, Native Gravel.
25	56 (94%)		
		dry to slightly moist, gray, medium dense	SAND, occasional gravel, trace Silt, poorly graded (coarse), subangular to subrounded.
		dry, gray, medium dense	GRAVEL with Sand, occasional Silt, trace Cobble, poorly graded (fine), subangular to subrounded.
30	95 (66%)		
35	R (66%)		End of Boring @ 35 ft
40			

TEST RESULTS

ATTERBERG LIMITS
PL — LL
WATER CONTENT ○
STANDARD PEN TEST, N-VALUE (OBSERVED)
3" SPLIT SPOON PENETRATION, BLOWS/FT

10 20 30 40 50 60 70 80 90

+100

LOGS WITHOUT WELL WITH TESTS X15114 CORA AVENUE WELL SITE.GPJ BUDINGER.GDT 5/13/15

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BORING LOGS

FIGURE 4-10

Project: Cora Avenue Well SIte
Location: Spokane, Washington
Number: X15114

TEST BORING TP-1

Date of Boring: 4-22-15
Driller: City of Spokane
Type of Drill: CAT 325 L,30 inch bucket with teeth
Location: Northwest corner of proposed building.
Surface: grass and weeds

Elevation: 1936 ft
Logged by: D Callender
Size of hole:

DEPTH	SAMPLES RQD, BLOW COUNTS N (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS
0		dry, medium brown, dark brown, loose to medium dense	Gravel with sand, occ silt, occ cobbles, tr boulders. Subrounded to subangular. Massive debris fill material: glass, metal, bricks, cement, fork, molten slag-type material. 30% debris content. Pit stands vertical. Organics not observed below three feet.		ATTERBERG LIMITS PL — LL WATER CONTENT ○ STANDARD PEN TEST, N-VALUE (OBSERVED) ◪ 3" SPLIT SPOON PENETRATION, BLOWS/FT ■ 10 20 30 40 50 60 70 80 90
5					
10					
15					
20		moist, medium gray, moderately dense	Sand with gravel, tr silt, tr cobbles, subrounded to subangular, low cohesion. Variable composition, native flood deposits. End of Boring @ 20 ft		
25					
30					

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BORING LOGS **FIGURE 4-1**

Project: Cora Avenue Well SIte
Location: Spokane, Washington
Number: X15114

LOGS WITHOUT WELL WITH TESTS X15114 CORA AVENUE WELL SITE.GPJ BUDINGER.GDT 5/13/15

TEST BORING TP-2

Date of Boring: 4-22-15
Driller: City of Spokane
Type of Drill: CAT 325 L,30 inch bucket with teeth
Location: Southwest corner of proposed building.
Surface: grass and weeds

Elevation: 1932 ft
Logged by: D Callender
Size of hole:

DEPTH	SAMPLES RQD, BLOW COUNTS N (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0		dry, medium brown, red-brown, medium dense	Gravel with sand, common silt, occassional cobbles, oxidized reddish hue ip. 5% debris in Fill: concrete slabs, occ glass, decayed wood.	
5				
10		dry, med gray, medium dense	Sand with gravel, tr silt, well graded, subrounded to subangular, low cohesion. Native flood deposit gravels. Pit stands vertically.	
			End of Boring @ 12 ft	
15				
20				
25				
30				

TEST RESULTS

ATTERBERG LIMITS
PL — LL
WATER CONTENT ○
STANDARD PEN TEST, N-VALUE (OBSERVED) ◪
3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

LOGS WITHOUT WELL WITH TESTS X15114 CORA AVENUE WELL SITE.GPJ BUDINGER.GDT 5/13/15

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BORING LOGS **FIGURE 4-2**

Project: Cora Avenue Well SIte
Location: Spokane, Washington
Number: X15114

TEST BORING TP-3

Date of Boring: 4-22-15
Driller: City of Spokane
Type of Drill: CAT 325 L,30 inch bucket with teeth
Location: North-central area.
Surface: grass and weeds

Elevation: 1936 ft
Logged by: D Callender
Size of hole:

DEPTH	SAMPLES RQD, BLOW COUNTS N (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS
0		dry, medium brown, med dense	Gravel with sand, tr silt, com cobbles, occ boulders. Subrounded to subangular. Fill material.		ATTERBERG LIMITS PL — LL; WATER CONTENT ○; STANDARD PEN TEST, N-VALUE (OBSERVED) ◪; 3" SPLIT SPOON PENETRATION, BLOWS/FT ■; 10 20 30 40 50 60 70 80 90
5			Fill material, mostly glass, porceline, molten slag, rusted sewer pipe. Pit stands vertical with sloughing below 15 ft due to undercutting.		
10					
15					
20			End of Boring @ 20 ft		
25					
30					

LOGS WITHOUT WELL WITH TESTS X15114 CORA AVENUE WELL SITE.GPJ BUDINGER.GDT 5/13/15

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BORING LOGS **FIGURE 4-3**

Project: Cora Avenue Well SIte
Location: Spokane, Washington
Number: X15114

TEST BORING TP-4

Date of Boring: 4-22-15
Driller: City of Spokane
Type of Drill: CAT 325 L,30 inch bucket with teeth
Location: Center of eastern side.
Surface: grass and weeds

Elevation: 1934 ft
Logged by: D Callender
Size of hole:

DEPTH	SAMPLES RQD, BLOW COUNTS N (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0		dry to slightly moist, medium brown, loose to medium dense	GRAVEL with sand, occ silt, occ cobbles, trace boulders. Subrounded to subangular. Debris fill material.	
5			Debris fill with glass, porceline. Metal intact (4 inch water pipe) approx 5 ft below grade (runs E-W).	
10		moist, medium brown, medium gray, medium dense	Well graded sand with gravel, mixed composition, subrounded, mod-well rounded, subangular. Cohesionless. Pit stands vertical to 6 ft then collapses. Pit terminated due to caving conditions. Debris Fill dips down to the west.	
15			End of Boring @ 14 ft	
20				
25				
30				

TEST RESULTS

ATTERBERG LIMITS
PL — LL
WATER CONTENT ○
STANDARD PEN TEST, N-VALUE (OBSERVED) ◪
3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

LOGS WITHOUT WELL WITH TESTS X15114 CORA AVENUE WELL SITE.GPJ BUDINGER.GDT 5/13/15

Budinger & Associates
1101 North Fancher Road
Spokane Valley, WA 99212

BORING LOGS **FIGURE 4-4**

Project: Cora Avenue Well SIte
Location: Spokane, Washington
Number: X15114

TEST BORING TP-5

Date of Boring: 4-22-15
Driller: City of Spokane
Type of Drill: CAT 325 L,30 inch bucket with teeth
Location: South-central area.
Surface: grass and weeds

Elevation: 1933 ft
Logged by: D Callender
Size of hole:

DEPTH	SAMPLES RQD, BLOW COUNTS N (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0		dry, medium brown, loose	Gravel with sand & silt, occassional cobbles, subrounded to subangular.	
			One-inch diameter Gas Pipe found at 2 feet below grade. Very little debris in fill: brick, scrap metal below two feet. Pit stands vertical.	
		dry, light gray, loose		
5		moist, medium gray, moderately dense	Boulders (2-3 ft diameter), tr cobbles, sand with gravel, subrounded,	
			Well graded sand with gravel, tr silt, moderately-well rounded, to slightly subangular, variable composition/colors, unconsolidated.	
10			Native flood deposits below four feet depth. Pit stands vertical.	
			End of Boring @ 13 ft	
15				
20				
25				
30				

TEST RESULTS

ATTERBERG LIMITS
PL — LL
WATER CONTENT ○
STANDARD PEN TEST, N-VALUE (OBSERVED) ◪
3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

LOGS WITHOUT WELL WITH TESTS X15114 CORA AVENUE WELL SITE.GPJ BUDINGER.GDT 5/13/15

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Spokane Valley, WA 99212

BORING LOGS **FIGURE 4-5**

Project: Cora Avenue Well SIte
Location: Spokane, Washington
Number: X15114

TEST BORING TP-6

Date of Boring: 4-22-15
Driller: City of Spokane
Type of Drill: CAT 325 L,30 inch bucket with teeth
Location: North-eastern corner of lot
Surface: grass and weeds

Elevation: 1934 ft
Logged by: D Callender
Size of hole:

DEPTH	SAMPLES RQD, BLOW COUNTS N (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0		dry, medium brown, loose to medium dense	Gravel with sand, trace silt. Subrounded to subangular.Fill material.	
			Fill material with glass, plastic debris. Trash layer dips to the west with 1.0 ft depth on east side of pit and 2.5 ft thick on west side of pit	
5		moist, mediium gray, moderately dense	Well Graded sand with gravel, tr silt, tr cobbles. Subrounded to subangular, cohesionless.	
			Native flood deposits.	
10				
			End of Boring @ 12 ft	
15				
20				
25				
30				

TEST RESULTS

ATTERBERG LIMITS
PL — LL
WATER CONTENT ○
STANDARD PEN TEST, N-VALUE (OBSERVED) ◪
3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

LOGS WITHOUT WELL WITH TESTS X15114 CORA AVENUE WELL SITE.GPJ BUDINGER.GDT 5/13/15

Budinger & Associates
1101 North Fancher Road
Spokane Valley, WA 99212

BORING LOGS **FIGURE 4-6**

Project: Cora Avenue Well SIte
Location: Spokane, Washington
Number: X15114

TEST BORING TP-7

Date of Boring: 4-22-15
Driller: City of Spokane
Type of Drill: CAT 325 L,30 inch bucket with teeth
Location: South-eastern corner of lot
Surface: grass and weeds

Elevation: 1934 ft
Logged by: D Callender
Size of hole:

DEPTH	SAMPLES RQD, BLOW COUNTS N (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0		dry, medium brown, dark brown, moderately dense	Gravel with sand, tr silt. Fill material Very little debris (<5%), trace glass. Wire in ground at 6 foot depth.	
5				
10		moist, medium gray, medium dense	Sand with gravel, tr silt, tr cobbles, subrounded to subangular, mixed composition, unconsolidated. Pit stands vertical. Native flood deposit gravels.	
15			End of Boring @ 14 ft	
20				
25				
30				

TEST RESULTS

ATTERBERG LIMITS
PL — LL
WATER CONTENT ○
STANDARD PEN TEST, N-VALUE (OBSERVED) ◪
3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

LOGS WITHOUT WELL WITH TESTS X15114 CORA AVENUE WELL SITE.GPJ BUDINGER.GDT 5/13/15

Budinger & Associates
1101 North Fancher Road
Spokane Valley, WA 99212

BORING LOGS **FIGURE 4-7**

Project: Cora Avenue Well SIte
Location: Spokane, Washington
Number: X15114

TEST BORING TP-8

Date of Boring: 4-22-15
Driller: City of Spokane
Type of Drill: CAT 325 L,30 inch bucket with teeth
Location: West side - center.
Surface: grass and weeds

Elevation: 1934 ft
Logged by: D Callender
Size of hole:

DEPTH	SAMPLES RQD, BLOW COUNTS N (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0		dry, brown, red-brown, mod dense	Gravel with sand, trace silt, occ cobbles. Subrounded to subangular, Fill material.	
			Moderate garbage in fill: glass, brick, metal conduit, plastic containers. Trash layer dips 20 degrees to the east.	
5		dry, gray, loose	Gray sand seam, subrounded.	
		dry, red-brown, loose	Gray seam dips 20 degrees to the east.	
10			Very coarse grained sand. Subrounded to subangular, poorly graded, no sign of debris. Lacks cohesion.	
			Test Pit excavation terminated due to caving sands. Uncohesive.	
			End of Boring @ 13 ft	
15				
20				
25				
30				

TEST RESULTS

ATTERBERG LIMITS
PL — LL
WATER CONTENT ○
STANDARD PEN TEST, N-VALUE (OBSERVED) ◪
3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

LOGS WITHOUT WELL WITH TESTS X15114 CORA AVENUE WELL SITE.GPJ BUDINGER.GDT 5/13/15

Budinger & Associates
1101 North Fancher Road
Spokane Valley, WA 99212

BORING LOGS **FIGURE 4-8**

Project: Cora Avenue Well SIte
Location: Spokane, Washington
Number: X15114

X15114 Cora Ave Well Site - Photographs

Test Pit 1 – Significant glass, porcelain, and metal debris excavated from pit (30% debris).

Test Pit 2 – Small amount of glass debris & concrete slab uncovered (<5% debris).

Test Pit 3 – Significant debris including cinder and slag-like material, glass, spoon, metal and porcelain (10-15% debris).

Test Pit 4 – Metal piping and layered debris observed during excavation (<5% debris).

Test Pit 5 – Metal conduit found near-surface (<5% debris).

Test Pit 6 –Some glass debris found (<1%).

Test Pit 7 – Gravel with sand fill material; trace debris found (<5%) .

Test Pit 8 – Significant debris fill observed near the surface (15% debris).

							REGULATORY LIMITS	
SAMPLE NUMBER	**TP3, 0-7'**		**TP1 0-9'**		**TP8 1-4'**		Unrestricted	Industrial
MATERIAL DESCRIPTION	**Soil**		**Soil**		**Soil**			
HEAVY METALS (mg/Kg)	*Total:*	*TCLP:*	*Total:*	*TCLP:*	*Total:*	*TCLP:*		
Arsenic	11.7	<0.05	20.0	<0.05	40.8	<0.05	20	20
Barium	120	0.976	501	0.369	256	1.73	-	-
Cadmium	0.637	<0.05	2.19	<0.05	2.71	<0.05	2	2
Chromium	15.2	<0.05	27.2	<0.05	28.3	<0.05	19/2000****	19/2000****
Lead	115	0.124	477	0.547	868	2.19	250	1000
*Mercury-ICPMS	1.67	<0.01	0.488	<0.01	0.64	<0.01	2	2
Selenium	<0.517	<0.05	<0.549	<0.05	<0.531	<0.05	-	-
Silver	<0.517	<0.05	2.24	<0.05	<0.531	<0.05	-	-
PETROLEUM HYDROCARBONS	***ND**		***ND**		***ND**			
Gasoline	<25		<25		<25		30/100	30/100
Diesel	<50		<50		<50		2000	2000
Lube Oil	<100		<100		<100		2000	2000
PCB	***ND**		***ND**		***ND**			
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOC'S)								
1-Methylnaphthalene	0.0116		<0.01		<0.01			
2-Methylnaphthalene	0.0128		<0.01		<0.01			
Acenaphthene	<0.01		<0.01		<0.01			
Acenaphthylene	<0.01		<0.01		<0.01			
Anthracene	0.0131		<0.01		<0.01			
Benzo(ghi)perylene	0.0625		<0.01		<0.01			
**Benzo[a]anthracene	0.0445		<0.01		<0.01			
**Benzo[a]pyrene	0.0451		<0.01		<0.01		0.1	2
**Benzo[b]fluoranthene	0.0577		<0.01		<0.01			
**Benzo[k]fluoranthene	0.0179		<0.01		<0.01			
*Chrysene	0.0539		<0.01		<0.01			
**Dibenz[a,h]anthracene	<0.01		<0.01		<0.01			
Fluoranthene	0.0745		<0.01		<0.01			
Fluorene	<0.01		<0.01		<0.01			
**Indeno[1,2,3-cd]pyrene	0.0276		<0.01		<0.01			
Naphthalene	0.0119		<0.01		<0.01		5	5
Phenanthrene	0.0527		<0.01		<0.01			
Pyrene	0.0786		<0.01		<0.01			
TOTAL cPAH EQUIVALENT TOXICITY VALUE**	0.064409		0.0181		0.0181		0.1	2

Results are presented in parts per millions by weight (ppm, mg/Kg or mg/L).

*ND - Not Detected with exception to listed compounds. For detection limits refer to Anatek Labs, Inc. Reports

** Carcinogenic Polycyclic Aromatic Hydrocarbons - Total cPAH Equivalent Toxicity Value result based on minimum detection value if not detected.

***Model Toxics Control Act Method A cleanup levels for unrestricted and industrial land use are presented for comparison purposes.

**** Method A Soil Cleanup Level for Chromium: 19 mg/ kg for Chromium VI, 2000 mg/kg for Chromium III

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Client: BUDINGER AND ASSOCIATES
Address: 1101 N FANCHER RD
SPOKANE VALLEY, WA 99212
Attn: STEVE BURCHETT

Batch #: 150423040
Project Name: X15114

Analytical Results Report

Sample Number	150423040-001	**Sampling Date**	4/22/2015	**Date/Time Received**	4/23/2015 1:29 PM
Client Sample ID	TP-3 0-7'	**Sampling Time**	11:00 AM	**Extraction Date**	
Matrix	Soil	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	<50	mg/kg	50	4/28/2015 11:59:00 PM	APM	WATPH-HCID	
Gasoline	<25	mg/kg	25	4/28/2015 11:59:00 PM	APM	WATPH-HCID	
Lube Oil	<100	mg/kg	100	4/28/2015 11:59:00 PM	APM	WATPH-HCID	
1-Methylnaphthalene	0.0116	mg/kg	0.01	4/28/2015	BMM	EPA 8270D	
2-Methylnaphthalene	0.0128	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Acenaphthene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Acenaphthylene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Anthracene	0.0131	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo(ghi)perylene	0.0625	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo[a]anthracene	0.0445	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo[a]pyrene	0.0451	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo[b]fluoranthene	0.0577	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo[k]fluoranthene	0.0179	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Chrysene	0.0539	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Dibenz[a,h]anthracene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Fluoranthene	0.0745	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Fluorene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Indeno[1,2,3-cd]pyrene	0.0276	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Naphthalene	0.0119	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Phenanthrene	0.0527	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Pyrene	0.0786	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Aroclor 1016 (PCB-1016)	ND	mg/Kg	0.1	4/27/2015 4:07:00 PM	APM	EPA 8082	
Aroclor 1221 (PCB-1221)	ND	mg/Kg	0.1	4/27/2015 4:07:00 PM	APM	EPA 8082	
Aroclor 1232 (PCB-1232)	ND	mg/Kg	0.1	4/27/2015 4:07:00 PM	APM	EPA 8082	
Aroclor 1242 (PCB-1242)	ND	mg/Kg	0.1	4/27/2015 4:07:00 PM	APM	EPA 8082	
Aroclor 1248 (PCB-1248)	ND	mg/Kg	0.1	4/27/2015 4:07:00 PM	APM	EPA 8082	
Aroclor 1254 (PCB-1254)	ND	mg/Kg	0.1	4/27/2015 4:07:00 PM	APM	EPA 8082	
Aroclor 1260 (PCB-1260)	ND	mg/Kg	0.1	4/27/2015 4:07:00 PM	APM	EPA 8082	
PCB 8082 (total)	ND	mg/kg	0.1	4/27/2015 4:07:00 PM	APM	EPA 8082	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: BUDINGER AND ASSOCIATES
Address: 1101 N FANCHER RD
SPOKANE VALLEY, WA 99212
Attn: STEVE BURCHETT

Batch #: 150423040
Project Name: X15114

Analytical Results Report

Sample Number	150423040-001	**Sampling Date**	4/22/2015	**Date/Time Received**	4/23/2015 1:29 PM
Client Sample ID	TP-3 0-7'	**Sampling Time**	11:00 AM	**Extraction Date**	
Matrix	Soil	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier

Surrogate Data

Sample Number 150423040-001

Surrogate Standard	Method	Percent Recovery	Control Limits
DCB	EPA 8082	85.0	30-130
Terphenyl-d14	EPA 8270D	98.0	18-137
hexacosane	WATPH-HCID	87.6	50-150

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Client: BUDINGER AND ASSOCIATES
Address: 1101 N FANCHER RD
SPOKANE VALLEY, WA 99212
Attn: STEVE BURCHETT

Batch #: 150423040
Project Name: X15114

Analytical Results Report

Sample Number	150423040-002	**Sampling Date**	4/22/2015	**Date/Time Received**	4/23/2015 1:29 PM
Client Sample ID	TP-1 0-9'	**Sampling Time**	8:15 AM	**Extraction Date**	
Matrix	Soil	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	<50	mg/kg	50	4/29/2015 12:55:00 AM	APM	WATPH-HCID	
Gasoline	<25	mg/kg	25	4/29/2015 12:55:00 AM	APM	WATPH-HCID	
Lube Oil	<100	mg/kg	100	4/29/2015 12:55:00 AM	APM	WATPH-HCID	
1-Methylnaphthalene	ND	mg/kg	0.01	4/28/2015	BMM	EPA 8270D	
2-Methylnaphthalene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Acenaphthene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Acenaphthylene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Anthracene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo(ghi)perylene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo[a]anthracene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo[a]pyrene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo[b]fluoranthene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo[k]fluoranthene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Chrysene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Dibenz[a,h]anthracene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Fluoranthene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Fluorene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Indeno[1,2,3-cd]pyrene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Naphthalene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Phenanthrene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Pyrene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Aroclor 1016 (PCB-1016)	ND	mg/Kg	0.1	4/27/2015 4:25:00 PM	APM	EPA 8082	
Aroclor 1221 (PCB-1221)	ND	mg/Kg	0.1	4/27/2015 4:25:00 PM	APM	EPA 8082	
Aroclor 1232 (PCB-1232)	ND	mg/Kg	0.1	4/27/2015 4:25:00 PM	APM	EPA 8082	
Aroclor 1242 (PCB-1242)	ND	mg/Kg	0.1	4/27/2015 4:25:00 PM	APM	EPA 8082	
Aroclor 1248 (PCB-1248)	ND	mg/Kg	0.1	4/27/2015 4:25:00 PM	APM	EPA 8082	
Aroclor 1254 (PCB-1254)	ND	mg/Kg	0.1	4/27/2015 4:25:00 PM	APM	EPA 8082	
Aroclor 1260 (PCB-1260)	ND	mg/Kg	0.1	4/27/2015 4:25:00 PM	APM	EPA 8082	
PCB 8082 (total)	ND	mg/kg	0.1	4/27/2015 4:25:00 PM	APM	EPA 8082	

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Client: BUDINGER AND ASSOCIATES
Address: 1101 N FANCHER RD
SPOKANE VALLEY, WA 99212
Attn: STEVE BURCHETT

Batch #: 150423040
Project Name: X15114

Analytical Results Report

Sample Number	150423040-002	**Sampling Date**	4/22/2015	**Date/Time Received**	4/23/2015 1:29 PM
Client Sample ID	TP-1 0-9'	**Sampling Time**	8:15 AM	**Extraction Date**	
Matrix	Soil	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier

Surrogate Data

Sample Number 150423040-002

Surrogate Standard	Method	Percent Recovery	Control Limits
DCB	EPA 8082	79.0	30-130
Terphenyl-d14	EPA 8270D	80.4	18-137
hexacosane	WATPH-HCID	80.8	50-150

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Client: BUDINGER AND ASSOCIATES
Address: 1101 N FANCHER RD
SPOKANE VALLEY, WA 99212
Attn: STEVE BURCHETT

Batch #: 150423040
Project Name: X15114

Analytical Results Report

Sample Number	150423040-003	**Sampling Date**	4/22/2015	**Date/Time Received**	4/23/2015 1:29 PM
Client Sample ID	TP-8 1-4'	**Sampling Time**	3:12 PM	**Extraction Date**	
Matrix	Soil	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	<50	mg/kg	50	4/29/2015 1:51:00 AM	APM	WATPH-HCID	
Gasoline	<25	mg/kg	25	4/29/2015 1:51:00 AM	APM	WATPH-HCID	
Lube Oil	<100	mg/kg	100	4/29/2015 1:51:00 AM	APM	WATPH-HCID	
1-Methylnaphthalene	ND	mg/kg	0.01	4/28/2015	BMM	EPA 8270D	
2-Methylnaphthalene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Acenaphthene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Acenaphthylene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Anthracene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo(ghi)perylene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo[a]anthracene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo[a]pyrene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo[b]fluoranthene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Benzo[k]fluoranthene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Chrysene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Dibenz[a,h]anthracene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Fluoranthene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Fluorene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Indeno[1,2,3-cd]pyrene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Naphthalene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Phenanthrene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Pyrene	ND	mg/Kg	0.01	4/28/2015	BMM	EPA 8270D	
Aroclor 1016 (PCB-1016)	ND	mg/Kg	0.1	4/27/2015 4:44:00 PM	APM	EPA 8082	
Aroclor 1221 (PCB-1221)	ND	mg/Kg	0.1	4/27/2015 4:44:00 PM	APM	EPA 8082	
Aroclor 1232 (PCB-1232)	ND	mg/Kg	0.1	4/27/2015 4:44:00 PM	APM	EPA 8082	
Aroclor 1242 (PCB-1242)	ND	mg/Kg	0.1	4/27/2015 4:44:00 PM	APM	EPA 8082	
Aroclor 1248 (PCB-1248)	ND	mg/Kg	0.1	4/27/2015 4:44:00 PM	APM	EPA 8082	
Aroclor 1254 (PCB-1254)	ND	mg/Kg	0.1	4/27/2015 4:44:00 PM	APM	EPA 8082	
Aroclor 1260 (PCB-1260)	ND	mg/Kg	0.1	4/27/2015 4:44:00 PM	APM	EPA 8082	
PCB 8082 (total)	ND	mg/kg	0.1	4/27/2015 4:44:00 PM	APM	EPA 8082	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: BUDINGER AND ASSOCIATES
Address: 1101 N FANCHER RD
SPOKANE VALLEY, WA 99212
Attn: STEVE BURCHETT

Batch #: 150423040
Project Name: X15114

Analytical Results Report

Sample Number	150423040-003	**Sampling Date**	4/22/2015	**Date/Time Received**	4/23/2015 1:29 PM
Client Sample ID	TP-8 1-4'	**Sampling Time**	3:12 PM	**Extraction Date**	
Matrix	Soil	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier

Surrogate Data

Sample Number 150423040-003

Surrogate Standard	Method	Percent Recovery	Control Limits
DCB	EPA 8082	75.0	30-130
Terphenyl-d14	EPA 8270D	95.0	18-137
hexacosane	WATPH-HCID	84.4	50-150

Authorized Signature

Kathleen A. Sattler

Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: BUDINGER AND ASSOCIATES
Address: 1101 N FANCHER RD
SPOKANE VALLEY, WA 99212
Attn: STEVE BURCHETT

Batch #: 150423040
Project Name: X15114

Analytical Results Report

Sample Number 150423040-001
Client Sample ID TP-3 0-7'
Matrix Soil
Comments

Sampling Date 4/22/2015
Sampling Time 11:00 AM
Sample Location

Date/Time Received 4/23/2015 1:29 PM
Extraction Date

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	11.7	mg/Kg	0.517	5/1/2015 1:44:00 PM	KEB	EPA 6020A	
Barium	120	mg/Kg	0.517	5/1/2015 1:44:00 PM	KEB	EPA 6020A	
Cadmium	0.637	mg/Kg	0.517	5/1/2015 1:44:00 PM	KEB	EPA 6020A	
Chromium	15.2	mg/Kg	0.517	5/1/2015 1:44:00 PM	KEB	EPA 6020A	
Lead	115	mg/Kg	0.517	5/1/2015 1:44:00 PM	KEB	EPA 6020A	
Mercury-ICPMS	1.67	mg/Kg	0.0517	5/1/2015 1:44:00 PM	KEB	EPA 6020A	
Selenium	ND	mg/Kg	0.517	5/1/2015 1:44:00 PM	KEB	EPA 6020A	
Silver	ND	mg/Kg	0.517	5/1/2015 1:44:00 PM	KEB	EPA 6020A	
TCLP Arsenic	ND	ppm	0.05	5/1/2015 4:13:00 PM	KEB	EPA 6020A	
TCLP Barium	0.976	ppm	0.05	5/1/2015 4:13:00 PM	KEB	EPA 6020A	
TCLP Cadmium	ND	ppm	0.05	5/1/2015 4:13:00 PM	KEB	EPA 6020A	
TCLP Chromium	ND	ppm	0.05	5/1/2015 4:13:00 PM	KEB	EPA 6020A	
TCLP Lead	0.124	ppm	0.05	5/1/2015 4:13:00 PM	KEB	EPA 6020A	
TCLP Mercury	ND	ppm	0.01	5/1/2015 4:13:00 PM	KEB	EPA 6020A	
TCLP Selenium	ND	ppm	0.05	5/1/2015 4:13:00 PM	KEB	EPA 6020A	
TCLP Silver	ND	ppm	0.05	5/1/2015 4:13:00 PM	KEB	EPA 6020A	
%moisture	4.6	Percent		4/24/2015 11:00:00 AM	APM	%moisture	

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Client: BUDINGER AND ASSOCIATES
Address: 1101 N FANCHER RD
SPOKANE VALLEY, WA 99212
Attn: STEVE BURCHETT

Batch #: 150423040
Project Name: X15114

Analytical Results Report

Sample Number 150423040-002
Client Sample ID TP-1 0-9'
Matrix Soil
Comments

Sampling Date 4/22/2015
Sampling Time 8:15 AM
Sample Location

Date/Time Received 4/23/2015 1:29 PM
Extraction Date

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	20.0	mg/Kg	0.549	5/1/2015 1:51:00 PM	KEB	EPA 6020A	
Barium	501	mg/Kg	0.549	5/1/2015 1:51:00 PM	KEB	EPA 6020A	
Cadmium	2.19	mg/Kg	0.549	5/1/2015 1:51:00 PM	KEB	EPA 6020A	
Chromium	27.2	mg/Kg	0.549	5/1/2015 1:51:00 PM	KEB	EPA 6020A	
Lead	477	mg/Kg	0.549	5/1/2015 1:51:00 PM	KEB	EPA 6020A	
Mercury-ICPMS	0.488	mg/Kg	0.0549	5/1/2015 1:51:00 PM	KEB	EPA 6020A	
Selenium	ND	mg/Kg	0.549	5/1/2015 1:51:00 PM	KEB	EPA 6020A	
Silver	2.24	mg/Kg	0.549	5/1/2015 1:51:00 PM	KEB	EPA 6020A	
TCLP Arsenic	ND	ppm	0.05	5/1/2015 4:21:00 PM	KEB	EPA 6020A	
TCLP Barium	0.369	ppm	0.05	5/1/2015 4:21:00 PM	KEB	EPA 6020A	
TCLP Cadmium	ND	ppm	0.05	5/1/2015 4:21:00 PM	KEB	EPA 6020A	
TCLP Chromium	ND	ppm	0.05	5/1/2015 4:21:00 PM	KEB	EPA 6020A	
TCLP Lead	0.547	ppm	0.05	5/1/2015 4:21:00 PM	KEB	EPA 6020A	
TCLP Mercury	ND	ppm	0.01	5/1/2015 4:21:00 PM	KEB	EPA 6020A	
TCLP Selenium	ND	ppm	0.05	5/1/2015 4:21:00 PM	KEB	EPA 6020A	
TCLP Silver	ND	ppm	0.05	5/1/2015 4:21:00 PM	KEB	EPA 6020A	
%moisture	9.3	Percent		4/24/2015 11:00:00 AM	APM	%moisture	

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Client: BUDINGER AND ASSOCIATES
Address: 1101 N FANCHER RD
SPOKANE VALLEY, WA 99212
Attn: STEVE BURCHETT

Batch #: 150423040
Project Name: X15114

Analytical Results Report

Sample Number	150423040-003	**Sampling Date**	4/22/2015	**Date/Time Received**	4/23/2015	1:29 PM	
Client Sample ID	TP-8 1-4'	**Sampling Time**	3:12 PM	**Extraction Date**			
Matrix	Soil	**Sample Location**					
Comments							

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	40.8	mg/Kg	0.531	5/1/2015 1:58:00 PM	KEB	EPA 6020A	
Barium	256	mg/Kg	0.531	5/1/2015 1:58:00 PM	KEB	EPA 6020A	
Cadmium	2.71	mg/Kg	0.531	5/1/2015 1:58:00 PM	KEB	EPA 6020A	
Chromium	28.3	mg/Kg	0.531	5/1/2015 1:58:00 PM	KEB	EPA 6020A	
Lead	868	mg/Kg	2.66	5/1/2015 4:06:00 PM	KEB	EPA 6020A	
Mercury-ICPMS	0.640	mg/Kg	0.0531	5/1/2015 1:58:00 PM	KEB	EPA 6020A	
Selenium	ND	mg/Kg	0.531	5/1/2015 1:58:00 PM	KEB	EPA 6020A	
Silver	ND	mg/Kg	0.531	5/1/2015 1:58:00 PM	KEB	EPA 6020A	
TCLP Arsenic	ND	ppm	0.05	5/1/2015 4:28:00 PM	KEB	EPA 6020A	
TCLP Barium	1.73	ppm	0.05	5/1/2015 4:28:00 PM	KEB	EPA 6020A	
TCLP Cadmium	ND	ppm	0.05	5/1/2015 4:28:00 PM	KEB	EPA 6020A	
TCLP Chromium	ND	ppm	0.05	5/1/2015 4:28:00 PM	KEB	EPA 6020A	
TCLP Lead	2.19	ppm	0.05	5/1/2015 4:28:00 PM	KEB	EPA 6020A	
TCLP Mercury	ND	ppm	0.01	5/1/2015 4:28:00 PM	KEB	EPA 6020A	
TCLP Selenium	ND	ppm	0.05	5/1/2015 4:28:00 PM	KEB	EPA 6020A	
TCLP Silver	ND	ppm	0.05	5/1/2015 4:28:00 PM	KEB	EPA 6020A	
%moisture	7	Percent		4/24/2015 11:00:00 AM	APM	%moisture	

Authorized Signature

Kathleen A. Sattler

Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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Login Report

Customer Name: BUDINGER AND ASSOCIATES
1101 N FANCHER RD
SPOKANE VALLEY WA 99212

Order ID: 150423040
Order Date: 4/23/2015

Contact Name: STEVE BURCHETT
Project Name: X15114

Comment:

Sample #: 150423040-001 **Customer Sample #:** TP-3 0-7'

Recv'd: ☑ **Matrix:** Soil **Collector:** DERRY CALLENDER **Date Collected:** 4/22/2015
Quantity: 1 **Date Received:** 4/23/2015 1:29:00 PM **Time Collected:** 11:00 AM
Comment:

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	4/22/2015	***Normal (~10 Days)***
HCID	S	WATPH-HCID	5/5/2015	***Normal (~10 Days)***
PAH 8270D MOSC	M	EPA 8270D	4/29/2015	***Normal (~10 Days)***
PCB 8082	S	EPA 8082	5/5/2015	***Normal (~10 Days)***
TCLP Mercury	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP Arsenic	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
TCLP Barium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
TCLP Cadmium	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP Chromium	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP Lead	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP METALS	S	N/A	5/5/2015	***Normal (~10 Days)***
TCLP Selenium	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP Silver	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
Arsenic	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Barium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Cadmium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Chromium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Lead	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Mercury-ICPMS	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Selenium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Silver	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
TOTAL 8	S	N/A	5/5/2015	***Normal (~10 Days)***

Customer Name: BUDINGER AND ASSOCIATES
1101 N FANCHER RD
SPOKANE VALLEY WA 99212

Order ID: 150423040
Order Date: 4/23/2015

Contact Name: STEVE BURCHETT
Project Name: X15114

Comment:

Sample #: 150423040-002 **Customer Sample #:** TP-1 0-9'

Recv'd: ☑ **Matrix:** Soil **Collector:** DERRY CALLENDER **Date Collected:** 4/22/2015
Quantity: 1 **Date Received:** 4/23/2015 1:29:00 PM **Time Collected:** 8:15 AM
Comment:

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	4/22/2015	***Normal (~10 Days)***
HCID	S	WATPH-HCID	5/5/2015	***Normal (~10 Days)***
PAH 8270D MOSC	M	EPA 8270D	4/29/2015	***Normal (~10 Days)***
PCB 8082	S	EPA 8082	5/5/2015	***Normal (~10 Days)***
TCLP Mercury	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP Arsenic	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
TCLP Barium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
TCLP Cadmium	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP Chromium	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP Lead	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP METALS	S	N/A	5/5/2015	***Normal (~10 Days)***
TCLP Selenium	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP Silver	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
Arsenic	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Barium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Cadmium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Chromium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Lead	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Mercury-ICPMS	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Selenium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Silver	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
TOTAL 8	S	N/A	5/5/2015	***Normal (~10 Days)***

Sample #: 150423040-003 **Customer Sample #:** TP-8 1-4'

Recv'd: ☑ **Matrix:** Soil **Collector:** DERRY CALLENDER **Date Collected:** 4/22/2015
Quantity: 1 **Date Received:** 4/23/2015 1:29:00 PM **Time Collected:** 3:12 PM
Comment:

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	4/22/2015	***Normal (~10 Days)***

Customer Name: BUDINGER AND ASSOCIATES
1101 N FANCHER RD
SPOKANE VALLEY WA 99212

Order ID: 150423040
Order Date: 4/23/2015

Contact Name: STEVE BURCHETT

Project Name: X15114

Comment:

HCID	S	WATPH-HCID	5/5/2015	***Normal (~10 Days)***
PAH 8270D MOSC	M	EPA 8270D	4/29/2015	***Normal (~10 Days)***
PCB 8082	S	EPA 8082	5/5/2015	***Normal (~10 Days)***
TCLP Mercury		EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP Arsenic	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
TCLP Barium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
TCLP Cadmium	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP Chromium	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP Lead	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP METALS	S	N/A	5/5/2015	***Normal (~10 Days)***
TCLP Selenium	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
TCLP Silver	S	EPA 6020A	4/29/2015	***Normal (~10 Days)***
Arsenic	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Barium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Cadmium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Chromium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Lead	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Mercury-ICPMS	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Selenium	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
Silver	S	EPA 6020A	5/5/2015	***Normal (~10 Days)***
TOTAL 8	S	N/A	5/5/2015	***Normal (~10 Days)***

SAMPLE CONDITION RECORD

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature of the sample(s)? (°C)	0.0
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	N/A
Are VOC samples free of headspace?	N/A
Is there a trip blank to accompany VOC samples?	N/A
Labels and chain agree?	Yes

150423 040 BUDI Last Due 5/5/2015
1st SAMP 4/22/2015 1st RCVD 4/23/2015
X15114

Chain of Custody Record

Anatek Labs, Inc.
1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246
504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

Company Name: BUDINGER & ASSOCIATES INC
Address: 1101 N. FANCHER
City: SPOKANE VALLEY State: WA Zip: 99212
Phone: (509) 535-8841
Fax: (509) 535-9589

Project Manager: STEVE BURCHETT
Project Name & #: X 15114
Email Address: Sburchett@budinger-inc.com
Purchase Order #: X 15114
Sampler Name & phone: Derry Callender 509-535-8841

Turn Around Time & Reporting

Please refer to our normal turn around times at:
http://www.anateklabs.com/services/guidelines/reporting.asp

__Normal
__Next Day*
__2nd Day*
__Other*_____

*All rush order requests must be prior approved.

__Phone
__Mail
__Fax
__Email

Provide Sample Description / **List Analyses Requested** / **Note Special Instructions/Comments**

Lab ID	Sample Identification	Sampling Date/Time	Matrix	# of Containers	Sample Volume	Preservative:	HC ID	PAH	PCB	TCLP Metals	RCRA Metals
	TP-3 0-7'	4-22-15 / 1100	Soil	4oz			X	X	X	X	XX
	TP-1 0-9'	4-22-15 / 0815	Soil	4oz			X	X	X	X	XX
	TP-8 1-4'	4-22-15 / 1512	Soil	4oz			X	X	X	X	X

Inspection Checklist

Received Intact? Y N
Labels & Chains Agree? Y N
Containers Sealed? Y N
VOC Head Space? Y N

Cooler Rec / Hand delivered

Temperature (°C): 0.0 / IR #1
Preservative: None
Date & Time: 4-23-15 / 1329
Inspected By: KAS

	Printed Name	Signature	Company	Date	Time
Relinquished by	DERRY CALLENDER	D.	BUDINGER	23 APR15	1325
Received by	Kathy Sattler	Kathy Sattler	Anatek Labs	4-23-15	1329
Relinquished by					
Received by					
Relinquished by					
Received by					

Anatek Labs, Inc.

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Inorganic Chemicals (IOC's) Analysis Report

System ID#:		System Name:	BUDINGER AND ASSOCIATES		
Lab/Sample Number:	112 59598	Collect Date:	4/30/2015	DOH Source #:	
Multiple Source Nos:		Sample Type:	B	Sample Purpose:	I
Date Received:	4/30/2015	Date Reported:	5/13/2015	Supervisor:	KAS
Date Analyzed:	5/12/2015				
County:	SPOKANE	Sample Location:	BIX 565		
Report To:	Address:	1101 N FANCHER RD			
	City, State, ZIP	SPOKANE VALLEY, WA 99212			
	Phone Number:	509-535-8841			

EPA Regulated

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0004	Arsenic	ND	mg/L	0.001	0.01	0.01	EPA 200.8	KEB	
0005	Barium	0.0211	mg/L	0.1	2	2	EPA 200.8	KEB	
0006	Cadmium	ND	mg/L	0.001	0.005	0.005	EPA 200.8	KEB	
0007	Chromium	0.00108	mg/L	0.007	0.1	0.1	EPA 200.8	KEB	
0011	Mercury	ND	mg/L	0.0002	0.002	0.002	EPA 200.8	KEB	
0012	Selenium	ND	mg/L	0.002	0.05	0.05	EPA 200.8	KEB	
0110	Beryllium	ND	mg/L	0.0003	0.004	0.004	EPA 200.8	KEB	
0111	Nickel	ND	mg/L	0.005			EPA 200.8	KEB	
0112	Antimony	ND	mg/L	0.003	0.006	0.006	EPA 200.8	KEB	
0113	Thallium	ND	mg/L	0.001	0.002	0.002	EPA 200.8	KEB	
0116	Cyanide	<0.05	mg/L	0.05	0.2	0.2	SM4500CNF	RAW	
0019	Fluoride	ND	mg/L	0.2	2	4	EPA 300.0	JMB	
0114	Nitrite-N	ND	mg/L	0.1	0.5	1	EPA 300.0	JMB	
0020	Nitrate-N	1.99	mg/L	0.5	5	10	EPA 300.0	JMB	
0161	Total Nitrate/Nitrite-N	1.99	mg/L	0.5	5	10	EPA 300.0	JMB	

EPA Regulated (Secondary)

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0010	Manganese	0.0244	mg/L	0.01		0.05	EPA 200.8	KEB	
0013	Silver	ND	mg/L	0.1		0.1	EPA 200.8	KEB	
0021	Chloride	6.15	mg/L	20		250	EPA 300.0	JMB	
0022	Sulfate	15.7	mg/L	50		250	EPA 300.0	JMB	
0024	Zinc	0.00639	mg/L	0.2		5	EPA 200.8	KEB	

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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State Regulated

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0015	Hardness(CaCO3)	172	mg/L	10			SM2340C	APM	
0016	Conductivity	301	µmhos/cm	70		700	SM 2510B	JAO	
0017	Turbidity	0.381	NTU	0.1			EPA 180.1	JAO	
0018	Color	<5	Color Units	15		15	SM 2120B	JAO	
0026	Total Dissolved Solids	202	mg/L	100		500	SM 2540C	APM	

State Unregulated

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0009	Lead	ND	mg/L	0.001		0.015	EPA 200.8	KEB	
0023	Copper	ND	mg/L	0.02	--	1.3	EPA 200.8	KEB	

ND = Not Detected at levels above the SRL
Numerical Entry = Detection at level indicated
SRL - Minimum reporting level for Washington DOH
MCL - EPA maximum contaminant level
Trigger - Washington DOH response level. If results exceed this level, contact the DOH
E0 ESTIMATED CONCENTRATION

The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

Lab Supervisor: Kathleen A. Battles **Date:** 5/13/2015

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

Anatek File # 150430053-001

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Volatile Organic Chemicals (VOC's) Analysis Report
EPA Test Method - EPA 524.2

System ID#:		System Name:	BUDINGER AND ASSOCIATES		
Lab/Sample Number:	112 59599	Collect Date:	4/30/2015	DOH Source #:	
Multiple Source Nos:		Sample Type:	B	Sample Purpose:	I
Date Received:	4/30/2015	Date Reported:	5/13/2015	Supervisor:	KAS
Date Analyzed:	5/1/2015				
County:	SPOKANE	Sample Location:	BIX 565		
Report To:	Address:	1101 N FANCHER RD			
	City, State, ZIP	SPOKANE VALLEY, WA 99212			
	Phone Number:	509-535-8841			

EPA Regulated

DOH #	Analytes	Results	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0045	Vinyl Chloride	ND	µg/L	0.5	0.5	2	EPA 524.2	WOZ	
0046	1,1-Dichloroethylene	ND	µg/L	0.5	0.5	7	EPA 524.2	WOZ	
0047	1,1,1-Trichloroethane	ND	µg/L	0.5	0.5	200	EPA 524.2	WOZ	
0048	Carbon Tetrachloride	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0049	Benzene	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0050	1,2-Dichloroethane	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0051	Trichloroethylene	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0052	1,4-Dichlorobenzene	ND	µg/L	0.5	0.5	75	EPA 524.2	WOZ	
0056	Dichloromethane	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0057	trans-1,2-Dichloroethylene	ND	µg/L	0.5	0.5	100	EPA 524.2	WOZ	
0060	cis-1,2-dichloroethylene	ND	µg/L	0.5	0.5	70	EPA 524.2	WOZ	
0063	1,2-Dichloropropane	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0066	Toluene	ND	µg/L	0.5	0.5	1000	EPA 524.2	WOZ	
0067	1,1,2-Trichloroethane	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0068	Tetrachloroethylene	4.00	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0071	Chlorobenzene	ND	µg/L	0.5	0.5	100	EPA 524.2	WOZ	
0073	Ethylbenzene	ND	µg/L	0.5	0.5	700	EPA 524.2	WOZ	
0076	Styrene	ND	µg/L	0.5	0.5	100	EPA 524.2	WOZ	
0084	1,2-Dichlorobenzene	ND	µg/L	0.5	0.5	600	EPA 524.2	WOZ	
0095	1,2,4-Trichlorobenzene	ND	µg/L	0.5	0.5	70	EPA 524.2	WOZ	
0160	Total Xylene	ND	µg/L	0.5	0.5	10000	EPA 524.2	WOZ	
0074	m/p-Xylene (MCL for Total)	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0075	o-Xylene (MCL for Total)	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	

EPA Unregulated

DOH #	Analytes	Results	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0027	Chloroform	ND	µg/L	0.5	--		EPA 524.2	WOZ	
0028	Bromodichloromethane	ND	µg/L	0.5	--		EPA 524.2	WOZ	
0029	Chlorodibromomethane	ND	µg/L	0.5	--		EPA 524.2	WOZ	
0030	Bromoform	ND	µg/L	0.5	--		EPA 524.2	WOZ	
0053	Chloromethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0054	Bromomethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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0055	Chloroethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ
0058	1,1-Dichloroethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ
0059	2,2-Dichloropropane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ
0062	1,1-Dichloropropylene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ
0064	Dibromomethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ
0070	1,3-Dichloropropane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ
0072	1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ
0078	Bromobenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ
0079	1,2,3-Trichloropropane	ND	µg/L	0.5	0.5	21	EPA 524.2	WOZ
0080	1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ
0081	o-Chlorotoluene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ
0082	p-Chlorotoluene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ
0083	m-Dichlorobenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ
0154	1,3-Dichloropropene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ

State Unregulated

DOH #	Analytes	Results	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0065	cis-1,3-Dichloropropene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0069	trans-1,3-Dichloropropene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0085	Fluorotrichloromethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0086	Bromochloromethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0087	Isopropylbenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0088	n-Propylbenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0089	1,3,5-Trimethylbenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0090	tert-Butylbenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0091	1,2,4-Trimethylbenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0092	sec-Butylbenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0093	p-Isopropyltoluene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0094	n-Butylbenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0096	Naphthalene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0097	Hexachlorobutadiene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0098	1,2,3-Trichlorobenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0102	EDB (Scan Confirm 504.1)	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0103	DBCP(Scan Confirm 504.1)	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0104	Dichlorodifluoromethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
	methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	70		EPA 524.2	WOZ	

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ND = Not Detected within the sensitivity of the instrument
Numerical Entry = Detection at level indicated
SRL - Minimum reporting level for Washington DOH
MCL - EPA maximum contaminant level
Trigger - Washington DOH response level. If results exceed this level, contact the DOH
E0 ESTIMATED CONCENTRATION

The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

Lab Supervisor: Kathleen A. Settles **Date:** 5/13/2015

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Volatile Organic Chemicals (VOC's) Analysis Report
EPA Test Method - EPA 524.2

System ID#:
System Name: BUDINGER AND ASSOCIATES
Lab/Sample Number: 112 59600
Collect Date: 4/30/2015
DOH Source #:
Multiple Source Nos:
Sample Type: B
Sample Purpose: I
Date Received: 4/30/2015
Date Reported: 5/13/2015
Supervisor: KAS
Date Analyzed: 5/1/2015
County: SPOKANE
Sample Location: TRIP BLANK
Report To: Address: 1101 N FANCHER RD
City, State, ZIP SPOKANE VALLEY, WA 99212
Phone Number: 509-535-8841

EPA Regulated

DOH #	Analytes	Results	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0045	Vinyl Chloride	ND	µg/L	0.5	0.5	2	EPA 524.2	WOZ	
0046	1,1-Dichloroethylene	ND	µg/L	0.5	0.5	7	EPA 524.2	WOZ	
0047	1,1,1-Trichloroethane	ND	µg/L	0.5	0.5	200	EPA 524.2	WOZ	
0048	Carbon Tetrachloride	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0049	Benzene	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0050	1,2-Dichloroethane	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0051	Trichloroethylene	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0052	1,4-Dichlorobenzene	ND	µg/L	0.5	0.5	75	EPA 524.2	WOZ	
0056	Dichloromethane	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0057	trans-1,2-Dichloroethylene	ND	µg/L	0.5	0.5	100	EPA 524.2	WOZ	
0060	cis-1,2-dichloroethylene	ND	µg/L	0.5	0.5	70	EPA 524.2	WOZ	
0063	1,2-Dichloropropane	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0066	Toluene	ND	µg/L	0.5	0.5	1000	EPA 524.2	WOZ	
0067	1,1,2-Trichloroethane	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0068	Tetrachloroethylene	ND	µg/L	0.5	0.5	5	EPA 524.2	WOZ	
0071	Chlorobenzene	ND	µg/L	0.5	0.5	100	EPA 524.2	WOZ	
0073	Ethylbenzene	ND	µg/L	0.5	0.5	700	EPA 524.2	WOZ	
0076	Styrene	ND	µg/L	0.5	0.5	100	EPA 524.2	WOZ	
0084	1,2-Dichlorobenzene	ND	µg/L	0.5	0.5	600	EPA 524.2	WOZ	
0095	1,2,4-Trichlorobenzene	ND	µg/L	0.5	0.5	70	EPA 524.2	WOZ	
0160	Total Xylene	ND	µg/L	0.5	0.5	10000	EPA 524.2	WOZ	
0074	m/p-Xylene (MCL for Total)	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0075	o-Xylene (MCL for Total)	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	

EPA Unregulated

DOH #	Analytes	Results	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0027	Chloroform	ND	µg/L	0.5	--		EPA 524.2	WOZ	
0028	Bromodichloromethane	ND	µg/L	0.5	--		EPA 524.2	WOZ	
0029	Chlorodibromomethane	ND	µg/L	0.5	--		EPA 524.2	WOZ	
0030	Bromoform	ND	µg/L	0.5	--		EPA 524.2	WOZ	
0053	Chloromethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0054	Bromomethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0055	Chloroethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

Anatek File # 150430053-003

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0058	1,1-Dichloroethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0059	2,2-Dichloropropane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0062	1,1-Dichloropropylene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0064	Dibromomethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0070	1,3-Dichloropropane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0072	1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0078	Bromobenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0079	1,2,3-Trichloropropane	ND	µg/L	0.5	0.5	21	EPA 524.2	WOZ	
0080	1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0081	o-Chlorotoluene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0082	p-Chlorotoluene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0083	m-Dichlorobenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0154	1,3-Dichloropropene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	

State Unregulated

DOH #	Analytes	Results	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0065	cis-1,3-Dichloropropene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0069	trans-1,3-Dichloropropene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0085	Fluorotrichloromethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0086	Bromochloromethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0087	Isopropylbenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0088	n-Propylbenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0089	1,3,5-Trimethylbenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0090	tert-Butylbenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0091	1,2,4-Trimethylbenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0092	sec-Butylbenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0093	p-Isopropyltoluene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0094	n-Butylbenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0096	Naphthalene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0097	Hexachlorobutadiene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0098	1,2,3-Trichlorobenzene	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0102	EDB (Scan Confirm 504.1)	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0103	DBCP(Scan Confirm 504.1)	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
0104	Dichlorodifluoromethane	ND	µg/L	0.5	0.5		EPA 524.2	WOZ	
	methyl-t-butyl ether (MTBE)	ND	µg/L	0.5	70		EPA 524.2	WOZ	

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ND = Not Detected within the sensitivity of the instrument
Numerical Entry = Detection at level indicated
SRL - Minimum reporting level for Washington DOH
MCL - EPA maximum contaminant level
Trigger - Washington DOH response level. If results exceed this level, contact the DOH
E0 ESTIMATED CONCENTRATION

The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

Lab Supervisor: Kathleen A. Settles **Date:** 5/13/2015

Anatek Labs, Inc.

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Synthetic Organic Chemicals (SOC's) Analysis Report
EPA Test Method - EPA 504.1

System ID#:		System Name:	BUDINGER AND ASSOCIATES		
Lab/Sample Number:	125 59601	Collect Date:	4/30/2015	DOH Source #:	
Multiple Source Nos:		Sample Type:	B	Sample Purpose:	I
Date Received:	4/30/2015	Date Reported:	5/13/2015	Supervisor:	KAS
Date Analyzed:	5/7/2015				
County:	SPOKANE	Sample Location:	BIX 565		
Report To:	Address:	1101 N FANCHER RD			
	City, State, ZIP	SPOKANE VALLEY, WA 99212			
	Phone Number:	509-535-8841			

EPA Regulated Chemicals

DOH #	Analytes	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0102	EDB	ND	ug/L	0.01	0.01	0.05	EPA 504.1	MAH	
0103	DBCP	ND	ug/L	0.02	0.02	0.2	EPA 504.1	MAH	

State Unregulated Chemicals

DOH #	Analytes	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0079	1,2,3-Trichloropropane	ND	ug/L	0.5	0.5	21	EPA 504.1	MAH	

Notes:
ND = Not Detected within the sensitivity of the instrument
Numerical Entry = Detection at level indicated
SRL - Minimum reporting level for Washington DOH
MCL - EPA maximum contaminant level
Trigger - Washington DOH response level. If results exceed this level, contact the DOH
E0 ESTIMATED CONCENTRATION

The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

Lab Supervisor: Kathleen A. Sattler **Date:** 5/13/2015

Anatek Labs, Inc.

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Synthetic Organic Chemicals (SOC's) Analysis Report
EPA Test Method - EPA 515.4

System ID#:		System Name:	BUDINGER AND ASSOCIATES		
Lab/Sample Number:	125 59601	Collect Date:	4/30/2015	DOH Source #:	
Multiple Source Nos:		Sample Type:	B	Sample Purpose:	I
Date Received:	4/30/2015	Date Reported:	5/13/2015	Supervisor:	KAS
Date Analyzed:	5/11/2015				
County:	SPOKANE	Sample Location:	BIX 565		
Report To:	Address:	1101 N FANCHER RD			
	City, State, ZIP	SPOKANE VALLEY, WA 99212			
	Phone Number:	509-535-8841			

EPA Regulated

DOH #	Analytes	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0037	2,4-D	ND	ug/L	0.1	0.1	70	EPA 515.4	MAH	
0038	2,4,5-TP (Silvex)	ND	ug/L	0.2	0.2	50	EPA 515.4	MAH	
0134	Pentachlorophenol	ND	ug/L	0.04	0.04	1	EPA 515.4	MAH	
0137	Dalapon	ND	ug/L	1	1	200	EPA 515.4	MAH	
0139	Dinoseb	ND	ug/L	0.2	0.2	7	EPA 515.4	MAH	
0140	Picloram	ND	ug/L	0.1	0.1	500	EPA 515.4	MAH	

EPA Unregulated

DOH #	Analytes	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0138	Dicamba	ND	ug/L	0.2	0.2		EPA 515.4	MAH	

State Unregulated

DOH #	Analytes	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0135	2,4-DB	ND	ug/L	1.0	1.0		EPA 515.4	MAH	
0136	2,4,5-T	ND	ug/L	0.4			EPA 515.4	MAH	
0220	Bentazon	ND	ug/L	0.5			EPA 515.4	MAH	
0221	Dichloroprop	ND	ug/L	0.5			EPA 515.4	MAH	
0223	Acifluorofen	ND	ug/L	2.0	2.0		EPA 515.4	MAH	
0225	Dacthal (DCPA Acid Metabolites (A))	ND	ug/L	0.1	0.1		EPA 515.4	MAH	
0226	3,5-Dichlorobenzoic Acid	ND	ug/L	0.5	0.5		EPA 515.4	MAH	

State Regulated

DOH #	Analytes	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0224	Chloramben	ND	ug/L	0.2	0.2		EPA 515.4	MAH	

Notes:
ND = Not Detected within the sensitivity of the instrument
Numerical Entry = Detection at level indicated
SRL - Minimum reporting level for Washington DOH
MCL - EPA maximum contaminant level
Trigger - Washington DOH response level. If results exceed this level, contact the DOH
E0 ESTIMATED CONCENTRATION

Lab Supervisor: Kathleen A. Sattler **Date:** 5/13/2015

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Synthetic Organic Chemicals (SOC's) Analysis Report
EPA Test Method - EPA 531.2

System ID#:		System Name:	BUDINGER AND ASSOCIATES		
Lab/Sample Number:	125 59601	Collect Date:	4/30/2015	DOH Source #:	
Multiple Source Nos:		Sample Type:	B	Sample Purpose:	I
Date Received:	4/30/2015	Date Reported:	5/13/2015	Supervisor:	KAS
Date Analyzed:	5/7/2015				
County:	SPOKANE	Sample Location:	BIX 565		
Report To:	Address:	1101 N FANCHER RD			
	City, State, ZIP	SPOKANE VALLEY, WA 99212			
	Phone Number:	509-535-8841			

EPA Regulated

DOH #	Analytes	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0146	Carbofuran	ND	ug/L	0.9	0.9	40	EPA 531.2	JWC	
0148	Oxamyl	ND	ug/L	2	2	200	EPA 531.2	JWC	

EPA Unregulated

DOH #	Analytes	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0141	3-Hydroxycarbofuran	ND	ug/L	2.0			EPA 531.2	JWC	
0142	Aldicarb	ND	ug/L	0.5	0.5	3	EPA 531.2	JWC	
0143	Aldicarb Sulfone	ND	ug/L	0.8	0.8		EPA 531.2	JWC	
0144	Aldicarb Sulfoxide	ND	ug/L	0.5	0.5		EPA 531.2	JWC	
0145	Carbaryl	ND	ug/L	2.0	2.0		EPA 531.2	JWC	
0147	Methomyl	ND	ug/L	4.0	4.0		EPA 531.2	JWC	

Other

DOH #	Analytes	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0326	Baygon	ND	ug/L	1.0			EPA 531.2	JWC	
0327	Methiocarb	ND	ug/L	4.0			EPA 531.2	JWC	

Notes: ND = Not Detected within the sensitivity of the instrument
Numerical Entry = Detection at level indicated
SRL - Minimum reporting level for Washington DOH
MCL - EPA maximum contaminant level
Trigger - Washington DOH response level. If results exceed this level, contact the DOH
E0 ESTIMATED CONCENTRATION

The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

Lab Supervisor: Kathleen A. Sattler **Date:** 5/13/2015

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Inorganic Chemicals (IOC's) Analysis Report

System ID#:		System Name:	BUDINGER AND ASSOCIATES		
Lab/Sample Number:	125 59598	Collect Date:	4/30/2015	DOH Source #:	
Multiple Source Nos:		Sample Type:	B	Sample Purpose:	I
Date Received:	4/30/2015	Date Reported:	5/13/2015	Supervisor:	KAS
Date Analyzed:	5/11/2015				
County:	SPOKANE	Sample Location:	BIX 565		
Report To:	Address:	1101 N FANCHER RD			
	City, State, ZIP	SPOKANE VALLEY, WA 99212			
	Phone Number:	509-535-8841			

EPA Regulated (Secondary)

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0008	Iron	0.0503	mg/L	0.1		0.3	EPA 200.7	HSW	

State Regulated

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0014	Sodium	3.94	mg/L	5			EPA 200.7	HSW	

ND = Not Detected at levels above the SRL
Numerical Entry = Detection at level indicated
SRL - Minimum reporting level for Washington DOH
MCL - EPA maximum contaminant level
Trigger - Washington DOH response level. If results exceed this level, contact the DOH
E0 ESTIMATED CONCENTRATION

The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

Lab Supervisor: Kathleen A. Sattler **Date:** 5/13/2015

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Synthetic Organic Chemicals (SOC's) Analysis Report
EPA Test Method - EPA 525.2, 505

System ID#: | System Name: BUDINGER AND ASSOCIATES
Lab/Sample Number: 125 59601 | Collect Date: 4/30/2015 | DOH Source #:
Multiple Source Nos: | Sample Type: B | Sample Purpose: I
Date Received: 4/30/2015 | Date Reported: 5/13/2015 | Supervisor: KAS

County: SPOKANE | Sample Location: BIX 565
Report To: Address: 1101 N FANCHER RD
City, State, ZIP SPOKANE VALLEY, WA 99212
Phone Number: 509-535-8841

EPA Regulated

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analysis Date	Analyst	Qualifier
0033	Endrin	ND	ug/L	0.01	0.01	2	EPA 505	5/11/2015	MAH	
0034	Lindane (BHC gamma)	ND	ug/L	0.02	0.02	0.2	EPA 505	5/11/2015	MAH	
0035	Methoxychlor	ND	ug/L	0.1	0.1	40	EPA 505	5/11/2015	MAH	
0036	Toxaphene	ND	ug/L	1	1	3	EPA 505	5/11/2015	MAH	
0117	Alachlor	ND	ug/L	0.2	0.2	2	EPA 525.2	5/8/2015	BMM	
0119	Atrazine	ND	ug/L	0.1	0.1	3	EPA 525.2	5/8/2015	BMM	
0120	Benzo(a)pyrene	ND	ug/L	0.02	0.02	0.2	EPA 525.2	5/8/2015	BMM	
0122	Chlordane (Total)	ND	ug/L	0.2	0.2	2	EPA 505	5/11/2015	MAH	
0124	di(ethylhexyl)adipate	ND	ug/L	0.6	0.6	400	EPA 525.2	5/8/2015	BMM	
0125	di(ethylhexyl)phthalate	ND	ug/L	0.6	0.6	6	EPA 525.2	5/8/2015	BMM	
0126	Heptachlor	ND	ug/L	0.04	0.04	0.4	EPA 505	5/11/2015	MAH	
0127	Heptachlor Epoxide	ND	ug/L	0.02	0.02	0.2	EPA 505	5/11/2015	MAH	
0128	Hexachlorobenzene	ND	ug/L	0.1	0.1	1	EPA 525.2	5/8/2015	BMM	
0129	Hexachlorocyclopentadiene	ND	ug/L	0.1	0.1	50	EPA 525.2	5/8/2015	BMM	
0133	Simazine	ND	ug/L	0.07	0.07	4	EPA 525.2	5/8/2015	BMM	
0153	PCB (As Total Arochlors)	ND	ug/L	0.2	--	0.5	EPA 505	5/11/2015	MAH	

EPA Unregulated

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analysis Date	Analyst	Qualifier
0118	Aldrin	ND	ug/L	0.2	--		EPA 505	5/11/2015	MAH	
0121	Butachlor	ND	ug/L	0.4	0.4		EPA 525.2	5/8/2015	BMM	
0123	Dieldrin	ND	ug/L	0.1	0.1		EPA 505	5/11/2015	MAH	
0130	Metolachlor	ND	ug/L	1	1		EPA 525.2	5/8/2015	BMM	
0131	Metribuzin	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0132	Propachlor	ND	ug/L	0.1	0.1		EPA 525.2	5/8/2015	BMM	
0254	Fluorene	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0173	Aroclor 1221	ND	ug/L	20	20		EPA 505	5/11/2015	MAH	
0174	Aroclor 1232	ND	ug/L	0.5	0.5		EPA 505	5/11/2015	MAH	
0175	Aroclor 1242	ND	ug/L	0.3	0.3		EPA 505	5/11/2015	MAH	
0176	Aroclor 1248	ND	ug/L	0.1	0.1		EPA 505	5/11/2015	MAH	
0177	Aroclor 1254	ND	ug/L	0.1	0.1		EPA 505	5/11/2015	MAH	
0178	Aroclor 1260	ND	ug/L	0.2	0.2		EPA 505	5/11/2015	MAH	
0180	Aroclor 1016	ND	ug/L	0.08	0.08		EPA 505	5/11/2015	MAH	

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State Unregulated

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analysis Date	Analyst	Qualifier
0179	Bromacil	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0183	Prometon	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0190	Terbacil	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0202	Diazinon	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0208	EPTC	ND	ug/L	0.3	0.3		EPA 525.2	5/8/2015	BMM	
0232	4,4'-DDD	ND	ug/L	0.1	--		EPA 505	5/11/2015	MAH	
0233	4,4'-DDE	ND	ug/L	0.1	--		EPA 505	5/11/2015	MAH	
0234	4,4'-DDT	ND	ug/L	0.1	--		EPA 505	5/11/2015	MAH	
0236	Cyanizine	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0239	Malathion	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0243	Trifluralin	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0244	Acenaphthylene	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0245	Acenaphthene	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0246	Anthracene	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0247	Benzo(a)anthracene	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0248	Benzo(b)fluoranthene	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0249	Benzo(g,h,i)perylene	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0250	Benzo(k)fluoranthene	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0251	Chrysene	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0252	Dibenz(a,h)anthracene	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0253	Fluoranthene	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0255	Indeno(1,2,3-cd)pyrene	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0256	Phenanthrene	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0257	Pyrene	ND	ug/L	0.2	0.2		EPA 525.2	5/8/2015	BMM	
0258	Butylbenzylphthalate	ND	ug/L	0.6	0.6		EPA 525.2	5/8/2015	BMM	
0259	Di-n-butylphthalate	ND	ug/L	0.6	0.6		EPA 525.2	5/8/2015	BMM	
0260	Diethylphthalate	ND	ug/L	0.6	0.6		EPA 525.2	5/8/2015	BMM	
0261	Dimethylphthalate	ND	ug/L	0.6	0.6		EPA 525.2	5/8/2015	BMM	

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Login Report

Customer Name: BUDINGER AND ASSOCIATES
1101 N FANCHER RD
SPOKANE VALLEY WA 99212

Order ID: 150430053
Order Date: 4/30/2015

Contact Name: STEVE BURCHETT

Project Name: X15114 CORA RD - TEST WELL

Comment:

Sample #: 150430053-001 **Customer Sample #:** BIX 565

Recv'd: ☑ **Matrix:** Drinking Water **Collector:** DERRY CALLENDER **Date Collected:** 4/30/2015
Quantity: 3 **Date Received:** 4/30/2015 3:34:00 PM **Time Collected:** 2:03 PM
Comment:

Test	Lab	Method	Due Date	Priority
ANTIMONY	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***
ARSENIC	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***
BARIUM	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***
BERYLLIUM	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***
CADMIUM	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***
CHLORIDE	S	EPA 300.0	5/12/2015	***Normal (~10 Days)***
CHROMIUM	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***
COLOR	S	SM 2120B	5/12/2015	***Normal (~10 Days)***
CONDUCTIVITY	S	SM 2510B	5/12/2015	***Normal (~10 Days)***
COPPER	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***
CYANIDE IN DW SPOKANE	S	SM4500CNF	5/12/2015	***Normal (~10 Days)***
FLUORIDE	S	EPA 300.0	5/12/2015	***Normal (~10 Days)***
HARDNESS by SM2340C	S	SM2340C	5/12/2015	***Normal (~10 Days)***
IRON ICP	M	EPA 200.7	5/12/2015	***Normal (~10 Days)***
LEAD	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***
MANGANESE	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***
MERCURY-ICPMS	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***
NICKEL	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***
NITRATE/N	S	EPA 300.0	5/12/2015	***Normal (~10 Days)***
NITRATE+ NITRITE AS N	S	EPA 300.0	5/12/2015	***Normal (~10 Days)***
NITRITE/N	S	EPA 300.0	5/12/2015	***Normal (~10 Days)***
SELENIUM	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***
SILVER	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***

Customer Name: BUDINGER AND ASSOCIATES
1101 N FANCHER RD
SPOKANE VALLEY WA 99212

Order ID: 150430053
Order Date: 4/30/2015

Contact Name: STEVE BURCHETT

Project Name: X15114 CORA RD - TEST WELL

Comment:

SODIUM ICP	M	EPA 200.7	5/12/2015	***Normal (~10 Days)***
SOLIDS - TDS	S	SM 2540C	5/12/2015	***Normal (~10 Days)***
SULFATE	S	EPA 300.0	5/12/2015	***Normal (~10 Days)***
THALLIUM	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***
TURBIDITY	S	EPA 180.1	5/12/2015	***Normal (~10 Days)***
WA Complete IOC	S	N/A	5/12/2015	***Normal (~10 Days)***
ZINC	S	EPA 200.8	5/12/2015	***Normal (~10 Days)***

Sample #: 150430053-002 **Customer Sample #:** BIX 565

Recv'd: ☑ **Matrix:** Drinking Water **Collector:** DERRY CALLENDER **Date Collected:** 4/30/2015
Quantity: 2 **Date Received:** 4/30/2015 3:34:00 PM **Time Collected:** 2:03 PM
Comment:

Test	Lab	Method	Due Date	Priority
VOC 524 SPO	S	EPA 524.2	5/12/2015	***Normal (~10 Days)***

Sample #: 150430053-003 **Customer Sample #:** TRIP BLANK

Recv'd: ☑ **Matrix:** Drinking Water **Collector:** DERRY CALLENDER **Date Collected:** 4/30/2015
Quantity: 1 **Date Received:** 4/30/2015 3:34:00 PM **Time Collected:** 2:03 PM
Comment:

Test	Lab	Method	Due Date	Priority
VOC 524 SPO	S	EPA 524.2	5/12/2015	***Normal (~10 Days)***

Sample #: 150430053-004 **Customer Sample #:** BIX 565

Recv'd: ☑ **Matrix:** Drinking Water **Collector:** DERRY CALLENDER **Date Collected:** 4/30/2015
Quantity: 8 **Date Received:** 4/30/2015 3:34:00 PM **Time Collected:** 2:03 PM
Comment:

Test	Lab	Method	Due Date	Priority
CARBAMATE 531.2	M	EPA 531.2	5/12/2015	***Normal (~10 Days)***
EDB 504.1	M	EPA 504.1	5/12/2015	***Normal (~10 Days)***
HERBICIDES 515.4	M	EPA 515.4	5/12/2015	***Normal (~10 Days)***
PESTICIDES 505	M	EPA 505	5/12/2015	***Normal (~10 Days)***
SEMIVOLATILES 525.2	M	EPA 525.2	5/12/2015	***Normal (~10 Days)***

Customer Name:	BUDINGER AND ASSOCIATES			**Order ID:**	150430053
	1101 N FANCHER RD			**Order Date:**	4/30/2015
	SPOKANE VALLEY	WA	99212		
Contact Name:	STEVE BURCHETT			**Project Name:**	X15114 CORA RD - TEST WELL
Comment:					

SAMPLE CONDITION RECORD

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature of the sample(s)? (°C)	14.9
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Are VOC samples free of headspace?	Yes
Is there a trip blank to accompany VOC samples?	Yes
Labels and chain agree?	Yes

Anatek Labs, Inc.
504 E. Sprague Suite D
Spokane, WA 99202
509-838-3999

COLIFORM BACTERIA ANALYSIS

Date Sample Collected	Time Sample Collected	County
04 / 30 / 2015	14 : 05 ☐ AM ☒ PM	SPOKANE
Month Day Year		

Type of Water System (check only one box)
☐ Group A ☐ Group B
☐ Other

Group A and Group B Systems – Provide from Water Facilities Inventory (WFI):
ID# _____ _____ _____ _____ _____ _____
System Name:

Contact Person: Steve Burchett

Day Phone: (509) 535-8641 | Cell Phone: ( )

Eve. Phone: ( ) | Fax: ( )

Send results to: (Print full name, address and zip code)
STEVE Burchett
Budinger & Associates
1101 N Fancher Rd Spokane WA 99212

SAMPLE INFORMATION

Sample collected by (name):
Derry Callender

Specific location where sample collected (address or sample site, and type of faucet):
Corn Road well s.A X15114

Special instructions or comments:
Well tag # BEX565

Type of Sample (must check only **one** box of #1 through #4 listed below)

1. ☒ **Routine Distribution Sample**
Chlorinated: Yes_____ No_____
Chlorine Residual: Total____ Free____

2. ☐ **Repeat Sample (after unsat. routine)**
Distribution System
Source Groundwater Rule (GWR)
.....(Population of 1,000 or less)
Unsatisfactory routine lab number:
__ __ __ - __ __ __ __ __
Unsatisfactory routine collect date:
_____/_____/_____
Chlorinated: Yes_____ No_____
Chlorine Residual: Total_____ Free____

3. ☐ E. coli – GWR source sample
Fecal –Surface, GWI, some springs
Other
S
Public Systems must provide Source Number from (WFI)

4. ☐ **Sample Collected for Information Only**
Investigative _____ Constructions/Repairs _____ Other

LAB USE ONLY — DRINKING WATER RESULTS — LAB USE ONLY

☐ **Unsatisfactory**
Total Coliform Present **and**
☐ E.coli present ☐ E.coli absent
☐ Fecal coliform present ☐ Fecal coliform absent

☒ **Satisfactory**
N/A

☐ **Replacement Sample Required**

Sample not tested because:
☐ Sample too old (>30 hours)
☐ Improper container

Test unsuitable because:
☐ TNTC
☐ Turbid culture

Bacterial Density Results: Plate Count _____ /ml. E.coli _____ /100ml.
Total Coliform _____ /100ml. Fecal Coliform_____ /100ml.

Method Code:	Date and Time Received:
MICR – 2720	4-30-15 1534
Date Analyzed: 5-1-15	Date Reported: 5-1-15
1 1 2 18913 Sample Number (DOH number plus five digits)	Lab Use: W/TOC, VOC, SOC

DOH Form #331-319 (revised 03/14)

150430 053 BUDI Last Due 5/12/2015
1st SAMP 4/30/2015 1st RCVD 4/30/2015
X15114

Anatek Labs, Inc. - Multi-state Certified, NELAC Acc

☐ 1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246 EPA # ID0001
☐ 504 E. Sprague Ste. D, Spokane WA 99202 (509) 838-3999 FAX 838-4433 EPA # WA

X15114

Washington Chain of Custody - Drinking Water Analysis

WATER SYSTEM NAME	CORA RD	WATER SYSTEM #	TEST WELL
SEND REPORT TO:	slurchette@budingerinc.com BUDINGER & Associates	PHONE NUMBER	509-535-8891
ADDRESS:	1101 N FANCHER RD	FAX NUMBER	509-535-9589
CITY STATE ZIP	SPOKANE WA 99212	COUNTY	

Sample Type
- [X] Before (B)
- [ ] After (A)
- [ ] Unknown (U)

Sample Purpose
- [ ] Compliance (C)
- [X] Investigative (I)
- [ ] Other Purpose (B)

Date & Time Collected: 4-30-15 1403
Sampler Name: Derry Callander
Sampler Signature: D

Payment due with samples, unless credit has been established.

DOH Source # (Check one and fill in where necessary
- [X] Single Well Source Number BIX 565
- [ ] Flow Distribution (92)
- [ ] Standing Distribution (93) (Lead/Copper Distribution)
- [ ] Composite Sampling (95) List Source #'s
- [ ] Blended Sample (96) List Source #'s

Receiving Check List
- [X] Received Intact
- [X] Labels & Chains Agree
- [X] Ice/Ice-Packs Present: yes
- [ ] Custody Seals Present: PH ✓ P15147-7
- [ ] Preservatives: HCl, NaThio, NaSulfite NaOH
- [X] No Headspace
- [X] Temp: 14.9° IR#1

Trip ✓ Cooler/hal

Check Desired Analyses

IOCs
- [ ] Lead / Copper
- [ ] Lead / Arsenic
- [ ] Nitrate
- [ ] Nitrite
- [✓] Washington Complete IOC
- [ ] Asbestos

✓Complete IOC Package
✓Cyanide

VOCs & DBP
- [X] VOC 524.3
- [ ] TTHM
- [ ] HAA5
- [ ] TOC

RADs
- [ ] Gross Alpha
- [ ] Gross Beta
- [ ] RAD 226
- [ ] RAD 228

SOCs
- [X] Phase II SOC (All)
  - [✓] Semivolatiles (PEST 1)
  - [✓] Herbicides (HERB 1)
  - [✓] Carbamates (INSECT 1)
  - [✓] Pesticides (PEST 1)
  - [✓] EDB
- [ ] Phase V SOC
  - [ ] Diquat
  - [ ] Endothall
  - [ ] Glyphosate
- [ ] Dioxin

Other (specify)

✓Coliform Bactera

Customer Signature: D
Shipping/Delivery Date: 4-30-15 1535

Received By: KRuot
Date Received: 4-30-15 1534

GIFFORD CONSULTANTS, INC.
Geotechnical Engineers
2020 E. Springfield • Spokane, WA 99202 • Telephone (509) 534-3670 • Fax 534-2925

E-1487-02

August 2, 1994

WAM Enterprises
280 Seafirst Financial Center
West 601 Riverside
Spokane, Washington 99201

Attn: Mr. Walt Miller, President

INTERIM REPORT; RESULTS OF PRELIMINARY SUBSURFACE EXPLORATIONS; PROPOSAL FOR ADDITIONAL EXPLORATIONS AND GEOTECHNICAL ENGINEERING STUDIES, PROPOSED NEW FAITH BIBLE CHURCH, SPOKANE, WASHINGTON

This letter presents interim results of preliminary subsurface explorations for the proposed new Faith Bible Church, to be located on a 20 acre site just north of the intersection of Cora Avenue and Stevens Street in Spokane, Washington. It also includes our proposal for conducting additional subsurface explorations and geotechnical engineering studies.

SITE HISTORY

We understand that the proposed Faith Bible Church site and adjacent areas were formally used for many years as a source for gravel and sand borrow. A series of large borrow pits was excavated to about 60 to 70 feet deep in this area. The City of Spokane used the pits from 1953 until 1954 for the disposal of solid wastes. In the 1950s and 1960s the pits were partially filled by others with demolition debris, soil, and trash. In the early 1970s, the filling was completed to the existing surface grade. In 1974 a trailer park was constructed over much of the site.

PREVIOUS STUDY

In 1991, Gifford Consultants, Inc. conducted subsurface explorations and made a preliminary geotechnical engineering assessment of the site. Results of this work were presented in a letter report of September 27, 1991 to Great Western Savings Bank. Subsurface explorations included making four hollow-stem auger borings and eleven backhoe test pits. Studies included

reviewing previous environmental reports, and analyzing data contained on USGS topographic maps.

The explorations encountered up to about 60 ft. of very loose to dense existing FILL soil, overtop of the native gravelly SAND. The fill consisted of gravelly sand to sandy gravel and contained cobbles, boulders and variable quantities of trash and debris. Based on this information, we concluded that new buildings constructed overtop of the existing FILL and supported on shallow footings could experience substantial differential settlement. Based on these explorations which were about 150 to 300 ft. apart, we also concluded that there were two areas on the site, one located near the center and one on the east end, where it appeared that the existing FILL was probably less than about 10 feet thick.

RECENT SUBSURFACE EXPLORATIONS

The proposed new church building outline was recently staked by the project surveyor in the central part of the site in an area where we originally believed the on-site FILL was less than about 10 feet thick. On July 13, 1994, we made nine exploratory test pits in the general area of the proposed building. Eight of the test pits were located near the building corner stakes and one was located in the interior in the south half of the building. The pits ranged from eight to fifteen feet deep. Depths were limited in six of the pits because of caving of the sidewalls. All test pits encountered loose existing FILL, varying in thickness from one to greater than fifteen feet. Only one of the test pit excavations completely penetrated the FILL.

The existing FILL had variable composition, ranging from slightly sandy gravel to slightly silty sand and contained variable amounts of debris, including fragments of glass, ceramic, metal, concrete, and brick.

Six of the nine test pits had to be terminated at a depth of about eight to ten feet because of caving, and two of the test pits were terminated at a depth of fourteen to fifteen feet because of the depth limitations of the backhoe. Undisturbed native soil was only encountered at one test pit at a depth of one foot below the surface.

CONCLUSIONS

Based on the results of the recent explorations, we believe that the existing FILL in the central part of the site is thicker than what we originally thought based on the 1991 exploration data. Current data suggests that the area underneath much of the proposed building outline at its present location is probably underlain by existing FILL that is greater than 10 feet thick. Consequently, in our opinion, there is a substantial risk that foundation settlement will occur under the effect of new building loads.

To minimize foundation settlement risk for new structures over deep fill site conditions, there are several options that can be considered:

- In-place improvement of the relative density of the existing FILL.
- Constructing deep foundations supported on competent native soils below the existing FILL.
- Removing the existing FILL and replacing it with compacted Structural Fill.

In-place improvement of loose soil can be accomplished by procedures such as grouting, vibro-replacement (stone columns), deep dynamic compaction (DDC), and preloading. Grouting fills the voids and increases relative density by welding the mass together. Vibro-replacement rearranges the existing particles and adds granular material to take up the volume loss. DDC rearranges particles by imparting a large amount of surface energy. Preloading simulates the weight of the proposed new building and forces potential settlements to occur before the actual building loads are applied.

In our opinion, this site is probably not suitable for grouting, since in existing FILL soils it is difficult to control where the grout penetrates. It is also difficult to predict grout quantities required and, therefore, the costs are hard to control.

Vibro-replacement methods can be effective in medium to coarse grained fill soils such as are present at this site. In this process of soil improvement, the loose, granular soils are rearranged into a more dense configuration, under the influence of a poker type vibrator, usually accompanied by water jetting. The void created by rearrangement of the particles is filled with sand or gravel, which under the action of the vibrator, are

forced into the existing FILL soils. The process is repeated on a grid pattern under the entire building footprint area.

Deep Dynamic Compaction is a method of improving and densifying soil by repeatedly dropping a heavy weight on a grid pattern from a large crane. In our opinion, this method would also probably be effective in improving the relative density of the existing FILL at this site. It was previously used at the Washington Department of Transportation site, approximately 3/4 of a mile southeast of the Faith Bible Church site, to improve loose existing FILL soils. The method requires care to control flying debris, and off-site vibrations can be annoying and potentially damaging to neighboring buildings.

The preload method of soil improvement involves constructing a surcharge fill to simulate the weight of the new building and force settlement to occur before the actual building loads are applied. In granular soils, the induced settlements are relatively rapid. The method requires monitoring the settlement that occurs during surcharge fill placement and rebound that occurs during surcharge removal. Preloading was used successfully at the Group Health Riverfront Medical Center site approximately one and one half miles south of the Faith Bible Church site.

Deep foundation methods can include driven or auger cast piling. Unless the loose surface subgrade is separately treated, such as with preloading or removal and replacement, the first floor of a pile-supported structure would also probably have to be structurally supported to minimize potential slab settlement.

Removing existing fill and replacing it with compacted Structural Fill is an often used method for improving site foundation bearing conditions. At this site, however, because of the local presence of relatively high amounts of debris, much of the existing FILL would not be suitable for reuse as replacement Structural Fill; therefore, a considerable volume of import fill would be required.

No matter which method is used to limit foundation settlement, it will be necessary to conduct additional explorations to better assess the thickness of the existing FILL beneath the proposed new building footprint. We believe that hollow-stem auger borings would be the best method to accomplish the additional exploration.

PROPOSED ADDITIONAL EXPLORATIONS AND STUDY

We propose to conduct a subsurface exploration program consisting of seven hollow-stem auger borings. Each boring will extend through the existing fill and about five feet into the underlying native soil. We estimate that the boring depths will average about 20 to 25 feet. We propose to accomplish the drilling work with a CME-75, truck-mounted, hollow-stem auger drill rig. Soil samples will be obtained at 2.5 to 5.0 feet intervals, using a standard split-spoon drive sampler, in general accordance with ASTM Test Designation D 1586.

The field work will be performed under the direction of our geological engineer who will collect representative samples and prepare descriptive logs of the borings. Soil samples will be sealed to preserve moisture and will be transported to our laboratory where we anticipate that testing will consist of verifying field classifications and conducting selective moisture content and gradation tests.

After the completion of the explorations and laboratory testing, we propose to meet with you to present the results of the explorations and our assessment of the relative advantages and disadvantages of each alternative method of limiting foundation settlements at this site. Based on the results of this meeting we will prepare a report to provide written recommendations for design and construction. Our report will include information and recommendations for the following:

- Site Preparation Work; including stripping and grading recommendations, temporary and permanent excavation slopes, fill slope recommendations and assessment of possibility for reuse of on-site soils for Structural Fill purposes.

- Soil Improvement; design and construction details for the preferred soil improvement method; recommended monitoring requirements.

- Foundation Recommendations; foundation types, allowable bearing pressure, bearing stratum, estimated foundation settlements, and foundation construction considerations.

- Earth Pressure Recommendations; passive, active, and at-rest pressures and footing sliding resistance for elements of foundations and walls below grade.

- Fill Material Recommendations; including specifications for Structural Fill, wall backfill, drainage material, and compaction recommendations.
- Groundwater and Drainage Recommendations.
- Pavement Recommendations; subsurface drainage, subbase preparation, paving materials, flexible pavement design considerations.

Our final report will include a plot plan showing the locations of the current and previous borings and test pits, copies of the boring and test pit logs, and plots of the appropriate laboratory test data. Five copies of our report will be provided.

SCHEDULE

We are prepared to begin the exploration work as soon after your authorization as the drilling equipment can be mobilized. Normally this is about one or two weeks. We estimate that the field work could be accomplished in about two and one-half days. Laboratory testing could take an additional two to three days. We believe we could be prepared to meet with you and present the preliminary exploration results and discuss soil improvement methods about one week after completion of the laboratory testing. We estimate that our report could be completed and delivered to you within about two weeks after a soil improvement method is selected. Preliminary verbal recommendations can be provided to you and the Structural Engineer as soon as they are developed from our studies. In this way, the foundation design can proceed on a timely basis and not be contingent upon receipt of our final report.

ESTIMATED COSTS

Our costs to date for the recent test pit explorations and this interim report are about $2,000. We propose to perform the additional work described above on a time-and-expense basis and in accordance with the terms of the attached Agreement for Professional Services. We estimate that the total cost of the additional work described could range from $7,800 to $8,800. We agree to perform the work described for $8,100 and not to exceed this amount without your additional authorization. This cost includes approximately $2,700 for drilling services, $1,300 for field engineering services, $400 for laboratory testing, and $3,700 for engineering analysis and report.

Since the geotechnical investigation work proposed above will be done before the Structural Engineer's foundation plan and the Civil Engineers grading plan are finalized, some additional geotechnical consulting services may be needed after the explorations and report are completed in order to provide more specific design and construction recommendations such as analyses for specific foundation design. In our opinion, it would be reasonable to assume that these additional services could range from $500 to $1,000, in addition to the cost of the explorations and report described above. This cost is not included in this proposal but you are advised that it may be necessary.

AUTHORIZATION

If the work described above meets with your approval, please sign in the space provided and return one copy of this letter, which will then serve as your authorization for us to proceed.

We appreciate your confidence in our firm and the opportunity to work with you on this project. If you have any questions or comments on the results of the recent explorations, or wish to discuss the scope of the proposed additional work or estimate of costs please contact me or Allen Gifford.

Sincerely,

GIFFORD CONSULTANTS, INC.

Grant R. Cummings, P.E. P.G.
Geological Engineer

by G.R.C.

Allen B. Gifford, P.E.
President

Enclosure: Agreement for Professional Services SM-94
Cost Estimate

I accept the above conditions and authorize the work to proceed.

NAME_____

SIGNATURE_____

TITLE_____

ORGANIZATION_____

ADDRESS_____

DATE_____ PHONE_____

GIFFORD CONSULTANTS, INC.
STANDARD AGREEMENT FOR PROFESSIONAL SERVICES

Attachment to and part of E-1487-02

Date August 2, 1994

1.0 STANDARD OF CARE • QUALIFICATIONS • RISKS

Gifford Consultants, Inc. will conduct the services described in the attached proposal and under this agreement in a manner consistent with the level of care and skill ordinarily exercised by members of the geotechnical engineering profession practicing contemporaneously under similar conditions in the locality of the project. Under no circumstances is a warranty, express or implied, made in connection with providing geotechnical engineering services.

All work will be performed by qualified personnel under the supervision of a Registered Professional Engineer.

Subsurface conditions may vary from those observed at locations where borings, surveys, or explorations are made and may also change with time. Our data interpretations and recommendations will be based solely on information available to us at the time of our work. Test borings, test pits and geophysical methods are an accepted and informative means of subsurface exploration. However, they cannot indicate with absolute certainty the full nature of the subsurface conditions between and below the exploration points. Despite the use of due professional care, these limitations will result in some level of uncertainty and risk regarding the interpretation of site subsurface conditions.

2.0 BASIS OF CHARGES AND COMPENSATION

2.1 Direct Labor Costs

Compensation will be determined on the basis of time-and-expenses expended on the project. Fees for services including travel time by professional, technical and clerical personnel will be computed by multiplying 2.4 times the payroll cost charged to the project. Payroll cost will include 29 percent for payroll taxes and employee benefits. Staff time spent in depositions, trial preparation, court or hearing testimony will be billed at the standard rates plus 20 percent.

2.2 Reimbursable Expenses

Expenses other than salary costs that are directly attributable to the professional services for this project such as but not limited to, out-of-town travel and living expenses, equipment rental, phone, fax, reproduction, film and photo processing, subcontract laboratory testing, subconsultant services and job related shipping charges and supplies, will be invoiced at our cost plus 10 percent. When we engage a subcontractor for drilling, or other site exploration work or testing, we will invoice for the subcontract services plus 10 percent. If explorations are conducted using Gifford Consultants, Inc. equipment, a separate invoice will be provided for those services without additional markup. Other Gifford Consultants, Inc. owned equipment that may be used, such as nuclear densometers, hand drilling equipment, etc., will be invoiced using our current equipment rate schedule at prices specified in the proposal. Laboratory tests using our equipment will be billed at: (a) the personnel labor rate plus $2/hour laboratory equipment use fee, or (b) current unit lab test prices specified in the proposal.

2.3 Billings and Payment

Invoices for services will be submitted monthly. Payment will be due upon receipt of the invoice unless otherwise agreed to in writing. Interest at the rate of 1-1/2 percent per month will be added to unpaid accounts due over 30 days. Expenses incurred in collecting delinquent accounts, including but not limited to attorney's fees, court costs and related fees, will be paid in addition to the delinquent account.

3.0 WORK SCHEDULE DELAYS

The work will be performed in general accordance with the schedule outlined in the attached proposal. Neither party shall hold the other responsible for damages or delay in performance caused by weather and other acts of God, strikes, lockouts, accidents or other events beyond the control of the other or the other's employees and agents.

4.0 SITE ACCESS • CLIENT FURNISHED DATA • SITE DISTURBANCE

You are responsible to provide us with a description of the property, its location, and the location of any underground utilities, facilities, or structures which could impact our work. You must also advise us of the location and nature of any known or suspected hazardous materials that may exist on the property. You agree to provide us with applicable permits and right of entry on the land and to be responsible for the propriety of the time, place and manner of our entry to the site where we are to make explorations.

You agree to provide us with a plan showing the location of existing underground utilities and buried structures, such as sewer, electric, etc. We and our subcontractors will use reasonable care and dligence to avoid contact with these underground facilities as they are shown on the plan. You will hold us and our subconsultants and subcontractors barmless, defend and indemnify us from any loss resulting from inaccuracy of the plans or lack of plans relating to the location of underground structures and/or utilities.

We will take reasonable precautions to minimize damage to the site from the use of equipment, but have not included in our proposed fee the cost of restoration to original conditions. A separate cost proposal will be provided if you require additional site restoration.

5.0 DISCOVERY OF UNANTICIPATED HAZARDOUS MATERIALS

The discovery of unanticipated hazardous materials constitutes a changed condition mandating a renegotiation of the scope of work, or termination of services. You agree that the discovery of unanticipated hazardous materials may make it necessary for us to take immediate measures to protect health and safety. We agree to notify you immediately when unanticipated hazardous materials or suspected hazardous materials are encountered. You agree to compensate us for any equipment decontamination or other costs incident to the discovery of unanticipated hazardous materials. You agree to waive any claim against us and to the maximum extent permitted by law agree to defend and indemnify and save us harmless from any claim, liability and defense cost for injury or loss arising from our discovery of unanticipated hazardous materials or suspected hazardous materials including but not limited to any costs created by delay of the project and any costs associated with possible reduction of the property's value. Gifford Consultants, Inc. agrees to notify you when unanticipated hazardous materials or suspected hazardous materials are encountered. You agree to make any disclosures required by law to the appropriate governing agencies. You also agree to hold Gifford Consultants, Inc. harmless for any and all consequences of disclosures made by us which are required by governing law. You will also be responsible for the ultimate disposal of any samples we secure which are found to be contaminated.

6.0 SAMPLE DISPOSAL • RETENTION

Non-hazardous samples will be discarded 60 days after submission of our final report, unless you advise us to deliver them to you at your expense or store them for an agreed storage charge. Samples containing hazardous materials that are regulated under Federal, State or local environmental law will be returned to you at your expense.

ESTIMATE OF COSTS

Additional Explorations and Geotechnical Engineering Studies

Faith Bible Church Site

1.0 FIELD EXPLORATIONS

1.1 Drilling Services (Seven Borings, Approx. 170 LF Total)

Job Preparation	1 MH	$ 40
Mobilization	1 HR	120
Drilling & Sampling	18 HRS	2160
Moving/Cleanup	2 HRS	240
Misc. (bits, teeth, etc.)	EST.	100
Extra Travel	1 MH	40
		$2,700

1.2 Field Engineering/Geology

Job Preparation & Planning	2 MH	$ 90
Boring/Test Pit Layout	1 MH	45
Utility Check	1 MH	45
Boring/Test Pit Logging	20 MH	900
Travel	3 MH	135
Support Vehicle	30 MI	15
Misc. (sample containers, photos, etc.)	LS	40
		$1,270

2.0 LABORATORY TESTING

2.1 Index Testing (Approx. 60 split-spoon samples)

Visual Classifications (ASTM D 2488)	3 MH	$ 105
Moisture Contents (ASTM D 2216)	3 MH	105
Gradations (ASTM D 422)	5 MH	175
		$ 385

3.0 ENGINEERING

3.1 Data Analysis

Field Data Analysis	6 MH	$ 360
Laboratory Data Analysis	2 MH	120
Engineering Analysis/Recomm.	20 MH	1200
Meetings	4 MH	240
		$1,920

3.2 Report

Engineering Report	12	MH	$ 720
Drafting	10	MH	350
Clerical	6	MH	210
Engineering Mgmt. & Review	4	MH	340
Misc. (computers, reprod., etc.)		EST.	120
			$1,740

TOTAL ESTIMATED COST $8,015

ESTIMATED COST RANGE $7,200 - $8,800

USE **$8,100**

PHASE I
ENVIRONMENTAL SITE ASSESSMENT
REPORT

for

Cora Avenue Well Site
Spokane, WA

Prepared For

City of Spokane

February 16, 2015

TECHCON, INC.
915 West 2nd Avenue
Spokane, WA 99201
Tel: (509) 536-0406 ▲ Fax (509) 536-0565
Consultants ▲ Environmental Specialists ▲ Project Managers

CONTENTS

Section 1.0

SUMMARY

TechCon, Inc. (TechCon) has completed a Phase I Environmental Site Assessment (Phase I) for the subject site, a vacant parcel located in the west 700 block of Cora Avenue, Spokane, WA. The subject site is excess land on the west end of the Faith Bible Church campus. This report presents the results of that review as outlined in the Scope of Work in *Appendix C*. Below is a summary of the items reviewed for this Phase I.

1.1 Certified Environmental Professionals: The individual who conducted this investigation is Daniel Autrey, a Certified Environmental Inspector and Registered Environmental Assessor. Mr. Autrey and the technical professionals who assisted him, have years of experience in the environmental and engineering fields. In addition, they have been actively performing or managing Phase I, II and III Environmental Site Assessments, hazardous waste projects, and soil remediation projects since 1992. We declare that to the best of our professional knowledge and belief, we meet the definition of *Environmental Professionals* as defined in §312.19 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

1.2 Scope of Work: A summary of the project Scope of Work is included in the Appendix Section. The Scope of Work provided below briefly explains some of the activities that may be performed in the evaluation of the environmental conditions at the property.

1.2.1 Historical Review - This review identifies (1) property use from the present back to 1940, using standard historical sources and (2) uses prior to 1940, until a time when the property was not yet developed (development including the placement of fill upon

the property). The review uses at least one of the following standard historical sources: aerial photographs, fire insurance maps, property tax files, recorded land title records, USGS 7.5 minute topographic maps, local street directories, building department records, zoning/land use records or other credible historical sources.

1.2.2 Regulatory Agency Review - The agency review includes a survey of federal, state, and county regulatory files for evidence of enforcement actions, permits, registrations, or notification of site contamination. The review includes a search of the following federal and state governmental sources and the minimum search distance, as required by American Society of Testing and Material (ASTM) standards:

Regulatory Review List

Abbreviation	Name	Radius(Mi)
NPL	National Priorities List	1
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System	.5
CERCLIS NFRAP	No Further Remedial Action Planned	.5
MTCA	Model Toxics Control Act Sites	1
UECA	Uniform Environmental Covenants Act Registry	Property
ERNS	Emergency Response Notification System	Property
UST	Underground Storage Tanks	Property/Adjoining
LUST	Leaking Underground Storage Tanks	.5
MWF	Municipal Waste Facilities	.5
RCRA	Resource Conservation & Recovery Act	Property/Adjoining
RCRA-TSD	RCRA TSD Facilities not subject to corrective action	1
CORRACT	RCRA Facilities subject to corrective action	1

1.2.3 Site Investigation - The site will be reviewed by a certified Environmental Professional. The Environmental Professional will observe and assess characteristics

of the property which pose or have potential to pose environmental problems. The review may, depending on the Scope of Work, include a survey of the following:

- *Underground Storage Tanks (USTs)* - USTs are acknowledged as a potentially significant source of environmental contamination. Contamination of soils can occur as a result of spills, overfills, or releases from these tanks. Groundwater contamination is typically caused by more aggressive release conditions such as leaking tanks, pipes, and delivery systems.

  USTs can contain a variety of regulated or unregulated substances. A UST system includes the tank, underground piping, and underground ancillary equipment such as pumps, secondary containment systems, or monitoring equipment, if present.

- *Aboveground Storage Systems* - The hazards posed by aboveground storage systems are similar to those of USTs. These aboveground storage systems include aboveground storage tanks (ASTs), 55-gallon drums, and metal cans or plastic containers that serve as storage devices. ASTs can hold a variety of suspect products, and are found on construction sites, commercial property, industrial plants, oil refineries, and in and around residential houses. Any leaking aboveground storage system used to store petroleum products or other hazardous substances presents a risk of contaminating surface soils and groundwater. An aboveground storage system may also pose a fire/explosion hazard if it contains flammable, combustible, or reactive materials. An aboveground storage system can contain many different products including, but not limited to: cleaning solvents, waste oils, kerosene, engine oil, heating fuel, gasoline and diesel fuel, acids, pesticides, and liquid fertilizers.

Included in the investigation of an aboveground storage system are the devices that support such a system. For example, AST support systems may include the fill tubes, air vents, above or below delivery lines, transfer pumps, alarms, and leak detection or monitoring systems.

- *Sensitive Receptors* - A sensitive receptor is identified as a potential pathway for contamination to migrate down from the soil surface and impact the subsurface and groundwater environments. A few of the easily identifiable sensitive receptors include:
  - Drinking and groundwater monitoring wells
  - Drywells, catch basins, and sumps
  - Septic systems
  - Electrical utility conduits
  - City water and sewer lines
  - Trenches, culverts, and septic system lines

- *Surface Contamination* - Potential sources for surface contamination are significant because they can represent a continuing or sporadic source of contaminants. Drainage ditches, alleyways, storage areas, out-falls, air emission sources, and railroad tracks are among the things that serve as potential sources and/or conduits for contamination. Existing practices regarding waste products are reviewed, including storage and disposal. Stained soil or pavement is noted, as well as signs of distressed vegetation, odors, pools of liquids, and petroleum products.

- *Polychlorinated Biphenyl (PCB) Equipment* - PCBs are toxic molecules that, when ingested, attach themselves to human fat tissues and act as possible

carcinogens. In the past, PCBs were used in equipment such as transformers, capacitors, fluorescent ballasts, circuit breakers, and switch-gear systems. PCBs are found in equipment hydraulic fluids. Problems develop when these oils and/or fluids leak out of the equipment and contaminate the soil and groundwater. The Environmental Protection Agency (EPA) regulates PCB levels over 50 parts per million (ppm) in a transformer.

- *Pesticides and Herbicides* - Pesticides are chemical products developed to eradicate a target species. Pesticides include insecticides, herbicides, rodenticide, fungicides, and disinfectants. While these products significantly reduce agricultural crop losses and public health concerns (diseases), they pose a toxic health hazard if misused, not properly stored, or improperly disposed.

- *Lead-Based Paint* - In 1978, the Unites States banned the use of lead pigments in paints used on interior and exterior residential surfaces. However, lead-containing products are still available and legal for use on commercial and industrial projects. Field screening tests can determine the presence of lead products, but validation of the amount of lead content requires laboratory analysis of the paint chips or testing the surfaces by X-ray fluorescence. Screening for lead-based paint is not part of this Phase I Environmental Site Assessment.

Lead paint is currently regulated by the Occupational Safety and Health Administration (OSHA) and Washington Industrial Safety and Health Administration (WISHA). Current regulations in Washington require contractors to adhere to Washington Administrative Code (WAC) Chapter 296-155-176, Lead, prior to demolition.

- *Hazardous Waste* - The term "hazardous waste" refers to a large variety of chemical, biological, and radioactive substances. These substances pose health and safety risks to humans, vegetation, wildlife, and to the environment. Hazardous materials have the potential to cause contamination to a property or its surroundings should they be released to the environment through spills, fire, or intentional disposal. Improper disposal of hazardous substances can also result in contamination of soil, groundwater, or surface water.

  Hazardous substances include chemicals used in industrial processes or liquids found in equipment such as X-ray machines, batteries, and electrical transformers. Some household products, such as soaps, detergents, and cleaners are classified as hazardous substances. Other products include solvents, paints, petroleum products, agricultural chemicals, and biological products.

  The Hazard Communication Standard (HCS) is the name for the WAC Chapter 296-62-part C, which implements the Worker and Community Right to Know Act related to the workplace. The code sets requirements for information and training on hazardous chemicals used in the workplace when businesses have more than one worker. Federal law requires compliance with hazard communication regulations by requiring manufacturers, distributors, and users to label containers, provide Material Safety Data Sheets (MSDSs) and provide information and training to their employees regarding hazardous materials. The Environmental Professional will review the chemicals and MSDSs used at the project site for compliance with HCS.

- *Asbestos-Containing Material (ACM)* - Asbestos is a naturally occurring mineral fiber found in rocks. These fibers are fire resistant and have good bonding capabilities. These two properties made asbestos an ideal substance for building and machinery parts, and it has been incorporated into many products since the early 1900's. Many of these products are still functional and present in existing buildings. However, in the 1970's, asbestos use in the United States became restricted and was gradually phased out. It has been estimated that between 1900 and 1980, more than 30 million tons of asbestos were used in the United States. Some of the easily recognizable products that have been found to contain asbestos fibers include:
  - Hot water pipe covering, duct and boiler insulation
  - Sprayed-on wall and ceiling acoustical finishes
  - Acoustical ceiling tiles
  - Heat reflectors on wood stoves
  - Roofing shingles and felts
  - Siding on commercial and residential buildings
  - Window putty, spackling compounds, and vinyl adhesives
  - Floor tile

- *Urea Formaldehyde Foam Insulation (UFFI)* - UFFI is a thermal insulation material pumped into the spaces between the walls of a building, where it hardens to form a solid layer of insulation. The ability to inject this foam-based material has enabled UFFI to be used freely in hard-to-reach places, and it is estimated to have been installed in half a million buildings in the United States. As the foam matures, it gives off formaldehyde vapors which can cause discomfort to building occupants. It is also known that a small percentage of the population can have a strong reaction to very low

concentrations of formaldehyde. Therefore, it has been banned from further use.

- *Radon* - Today the EPA considers exposure to indoor radon gas to be a serious environmental health concern. Radon is a naturally occurring gas that is radioactive, colorless, and odorless. It moves through soil, rock, and water, around pipes, through floor traps, vents, and cracks in the concrete floors, then collects in the lower areas of a building.

  Radon gas is produced when natural radioactive minerals break down and decay. These natural minerals are always present in the environment in slight amounts and are found in increased quantities in granitic or basaltic deposits. Radon gas further decays into smaller particles known as radon daughters or progeny, which attach to soil or dust particles in the air. As these particles are inhaled, the daughter products can be deposited on the lining of the lung and subsequently decay or emit radioactive particles. This radioactive decay damages lung tissue and causes cellular changes which can transform normal cells into cancer cells.

  The EPA has established an action level of 4 pCi/L. for residential applications. That action level is an annual average for residential settings based on an exposure to that average level for 75% of the hours in a 70-year lifespan.

1.2.4 Review of Adjacent Properties - The Environmental Professional will survey adjacent properties for recognized environmental conditions that may have an impact on the subject site. The survey will include, but is not limited to a review of nearby

service stations, print shops, industrial facilities, listed federal and state hazardous waste sites, waste generators, and municipal waste sites.

INTRODUCTION

2.1 Purpose: The purpose of this Phase I is to conduct an *environmental site assessment* of a parcel of commercial real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products; and to perform a visual, non-invasive review of the property and to identify recognized environmental conditions. The term *recognized environmental conditions* means the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. A *controlled recognized environmental condition* is a recognized environmental condition 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 limitations, institutional controls, or engineering controls). A *historical recognized environmental condition* is a past release of any hazardous substances or petroleum products that has occurred in connection with the 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). This Phase I assessment includes but is not limited to: determination of the presence of underground storage tanks (USTs), aboveground storage tanks (ASTs), polychlorinated biphenyl (PCB) equipment, urea formaldehyde insulation (UFFI), and hazardous wastes stored on-site, generated, or disposed of on the

property. This review also focuses on site conditions, and/or building construction that could impact the site. Also addressed are activities at adjoining properties and area businesses which could have potential to create recognized environmental conditions on the subject site.

The site review assesses past use of the property through a historical review of publicly available information. This review evaluates the likelihood that the site could contain recognized environmental conditions resulting from past operational activities. In addition, a regulatory review is conducted of operating permits, documentation of violations or judgement orders, and identification of past and/or present environmental conditions at the site.

2.2 **Special Terms and Conditions**: There are no special terms or conditions associated with the scope of work for this investigation. The scope did not include any requirements for sampling of media for laboratory analyses or field screening to determine the possible presence of specific contaminants

2.3 **Limitations and Exceptions of Assessment:** There were no observed limitations that required limitations or exceptions to be identified. All areas of the subject site were accessible and the weather conditions were favorable at the time of the site reconnaissance.

2.4 **Limiting Conditions and Methodology Used:** TechCon has completed this Phase I in substantial compliance with the scope and limitations of ASTM Practice E 1527-13, as well as 40 CFR 312, and industry standards. However, it is acknowledged that hazardous materials and/or substances may be concealed in construction, masked by other materials or coverings, buried in the ground, submerged, or for some reason undetectable to the Environmental Professional, even through the exercise of due diligence. In addition, although this report may address structural aspects of the property/facility, the Environmental Professional specifically did not review designs, make calculations, perform tests, or in any

way assume responsibility for the actual structural condition of the property/facility. This completed Phase 1 also refers to information regarding soil, geology and groundwater. The information provided is obtained from sources thought to be reliable. However, the recitation of such information does not in any manner whatsoever infer that the Environmental Professional is performing any geologic investigation, analysis or interpretation that should be performed by a certified geologist or hydrogeologist.

2.5 **Assumptions:** TechCon assumes that all information obtained from Client pertaining to the subject property is correct and complete. TechCon also assumes that Client has provided TechCon with all reasonably ascertainable prior environmental reports concerning the subject property. TechCon also assumes that this report will be used as a complete document and that no individual portions of the report will be evaluated without the totality of the information contained in the report being used for background and reference. Current observations, conditions, or regulatory positions may not represent conditions at some future time. This report represents TechCon's judgement and opinion based on information obtained.

Section 3.0

SITE DESCRIPTION

3.1 Location: The subject site is located in Spokane, WA, on the west end of the Faith Bible Church campus, between Wall and Howard Streets. It is located on the north side of Cora Avenue, and does not currently have a designated street address. The site is located approximately 2.5 north of the Central Business District of Spokane, Washington. According to the City of Spokane, this property is in an area zoned RSF - Residential Single Family. "The RSF zone is a low-density single-family residential zone. It allows a minimum of four and a maximum of ten dwelling units per acre. One and two-story buildings characterize the allowed housing. The major type of new development will be attached and detached single-family residences. The RSF zone is applied to areas that are designated residential 4-10 on the land use plan map of the comprehensive plan." (City of Spokane Municipal Code)

An area map in *Appendix A* at the end of this report shows the subject site location.

Legal Description: An exact legal description was not provided to the Site Assessor. The generalized description provided identified the site as the west 300 feet of the Faith Bible Church campus (Tax Parcel 35064.3611). The site is located in the City and County of Spokane, in the State of Washington.

A Tax Parcel Map and an Area Map, showing the outline and location of the site are included in *Appendix A*.

3.2 Site and Vicinity Characteristics: The subject site is located a few blocks south of an established area known as the Garland District, approximately 2.5 miles north of the central

business district of Spokane, Washington. The Garland District is a neighborhood shopping area that was established in the early 1900s. A survey of the adjacent properties shows the surrounding area is primarily populated with mature single and multifamily residential units. Commercial service/retail businesses and professional offices in the area are along the Post Street, Monroe Street, Garland Avenue and Division Street arterial frontages. Visual observation did not uncover indications the current properties or businesses in the vicinity have environmental problems that would impact the subject site.

3.3 Site Description: The subject site is excess vacant land at the west end of the Faith Bible Church campus. It is the west 300 linear feet of that campus, with 300 feet of frontage along Cora Avenue and a shape that approximates a trapezoid. The site is primarily covered with indigenous weeds and grasses, over a base of dirt and gravel, with some crushed asphalt and concrete chunks (see photographs 4, 5 and 6). Improvements on the site include a chain link fence at the west (see photograph 3) and south (see photographs 1 and 2)boundaries, and remnants of a retaining wall constructed with railroad ties (see photographs 7 and 8) at the toe of the hill that is located on the north portion of the property. Other than the significant hillside along the north boundary, there are no prominent features on the site.

3.3.1 Water, Wastewater, and Sewer Service: City of Spokane municipal water and sewer services are available for connection to the site.

A Tax Parcel Map, an Area Map, and a 2014 aerial photograph showing the location and configuration of the subject site are provided in *Appendix A.* Photographs of the site and property conditions are shown in *Appendix B.*

3.4 Prior Knowledge: The Assessor was given no information by the user of this report, the City of Spokane, Washington, concerning any environmental issues affecting the subject site. Due to the confidential nature of the pending real estate transaction, a Pre-Assessment

Questionnaire was not completed by the owner of the site for review by the Site Assessor.

3.5 Current Uses: The subject site is vacant land.

3.6 Past Uses: According to historical aerial photographs and other documents, the subject site was vacant land prior to being part of a much larger area that was mined as a sand and gravel pit in the early 1900s. The pit was operated into the 1960s, then when operations ceased, the pit was abandoned for several years. In the early 1970s, the larger pit site was backfilled, leveled and developed into an RV park (*Expo Village*) to support the World's Fair which was held in Spokane in 1974. In approximately 1978, the larger area was converted to a mobile home park (*Garland Hills Mobile Park*). The park operated until approximately the mid-1990s. The mobile home park was cleared from the area and *Faith Bible Church* was constructed near the center of the site.

3.7 Current and Past Uses of Adjoining Properties: The adjoining properties are described below:

3.7.1 West Adjoining Property - The west boundary of the subject (see photograph 3) is adjacent to an apartment complex that was constructed in approximately 1979. The west boundary of the apartment site is paralleled by Post Street, an asphalt-paved City of Spokane roadway. South of the intersection of Post Street and Cora Avenue is an area of mature single family residences. North of the intersection is an apartment complex. A current visual survey of these areas did not reveal conditions of environmental concern to the subject site.

3.7.2 North Adjoining Property - The north portion of the subject site is a steep hillside (see photographs 4 and 5) that extends to the north boundary at the top of the hill,

where it is adjacent to single-family residences that front on Glass Avenue, an asphalt-paved City of Spokane neighborhood street. Further north is an area of mature residential development, and the Garland Business District. A current visual survey of this area did not reveal conditions of environmental concern to the subject site.

3.7.3 East Adjoining Property - The east boundary of the subject site (see photograph 7) is adjacent to vacant land that is also part of the Faith Bible Church Campus, and is similar in characteristics to the subject site. Beyond the vacant area is the developed portion of the church campus. These areas did not reveal conditions of current environmental concern to the subject site.

3.7.4 South Adjoining Property - The south boundary of the subject site is paralleled by asphalt-paved Cora Avenue, a City of Spokane neighborhood street (see photographs 1 and 2). Across Cora Avenue to the south is an area of mature residential development. A visual survey of these areas did not reveal conditions of immediate environmental concern to the subject site.

Section 4.0

RECORDS REVIEW

4.1 Regulatory Agency Review: TechCon reviewed federal and state environmental data bases. The data collected are those sites which are registered with governmental agencies and which fall within the ASTM radius search guideline of the project site. Table 4.1 summarizes the information found. A copy of the Regulatory Map, which shows the locations with reference to the property, is included in *Appendix A.*

TABLE 4.1. STATISTICAL SITE INFORMATION

Database	Radius(Mi)	Property	Property-1/4	1/4-1/2	½-1	Total
NPL	1	No	0	0	0	0
CERCLIS	.5	No	0	0	0	0
CERCLIS NFRAP	.5	No	0	0	0	0
MTCA	1	No	0	0	0	0
UECA	Property	No	0	0	1	1
ERNS	Property	No	0			0
LUST	.5	No	0	0	1	1
UST	P/A	No	0			0
MWF	.5	No	0	0	0	0
RCRA	P/A	No	0	1	0	1
RCRA Non-CORRACTS TSD	.5	No	0	0	0	0
RCRA CORRACTS	1	No	0	0	0	0
BROWNFIELDS	1	No	0	0	0	0
		TOTAL	0	1	2	3

- NPL (National Priorities List)
- CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System)
- ERNS (Emergency Response Notification System)
- UST (Underground Storage Tank)
- MTCA (Model Toxics Control Act Site)
- UECA - (Uniformed Environmental Covenant Act)
- MWF (Municipal Waste Facility)
- RCRA (Resource Conservation and Recovery Act)
- P/A (Property and Adjoining Property)
- LUST (Leaking Underground Storage Tank)
- CORRACT-(RCRA sites subject to corrective action)
- NFRAP (No Further Remedial Action Planned)

Within the ASTM search parameters, the following sites were found during the database search:

4.1.1 MTCA Sites - 0. *Definition*: MTCA is an acronym for Model Toxics Control Act. Sites on the MTCA list are undergoing, have undergone, or are scheduled for investigation by the Washington State Department of Ecology for possible hazardous substance contamination. Once remedial action has been completed, the Toxic's Cleanup Program's management determines the removal of the site from the MTCA list. The Hazardous Sites List is a subset of the Confirmed and Contaminated Sites List. It contains those contaminated sites that have been ranked using the Washington Ranking Method.

Findings: Within a one mile radius of the property, no MTCA sites are registered with the State of Washington Department of Ecology (Ecology), and published on a list reviewed February 12, 2014.

No Further Action Sites: The following sites in the immediate vicinity of the subject site were formerly on the MTCA list, but have received "No Further Action" determinations from the Department of Ecology. These sites are not noted on the map in *Appendix A*, and are mentioned here only as a matter of record. Department of Ecology information concerning these sites is included in *Appendix A*.

- *Wendle Ford* - 4727 N. Division Street, Spokane, WA - Ecology reports remediated petroleum-contaminated soil. A Remedial Action under the Voluntary Cleanup Program (VCP) was completed and a No Further Action determination was issued by the Department of Ecology on March 4, 2009. *Wendle Ford* is no longer located at this location.

- *WA DOT Eastern Region Mayfair* - 2714 N. Mayfair Street, Spokane, WA - Ecology reports remediated soil and groundwater contamination with halogenated organics and non-halogenated solvents. A Remedial Action was completed and a No Further Action determination was issued by the Department of Ecology on September 25, 1993.

- *Drapery Mart* - 225 W. Indiana Avenue, Spokane, WA - Ecology reports remediated soil contaminated with polynuclear aromatic hydrocarbons. A Remedial Action under the Voluntary Cleanup Program (VCP) was completed and a No Further Action determination was issued by the Department of Ecology on January 26, 2011.

4.1.2 Uniform Environmental Covenant Act Registry (UECA) - 1. *Definition:* The Uniform Environmental Covenants Act (UECA) Registry is a list of sites that have residual contamination remaining on them after the cleanup has been completed. These sites have environmental covenants or deed restrictions limiting certain uses of the property.

Findings: The following site in the vicinity of the subject site is listed on the Uniform Environmental Covenants Act (UECA) Registry as having restrictive covenants or institutional controls in place.

- *Drapery Mart* - 225 W. Indiana Avenue, Spokane, WA - This site was removed from the Hazardous Sites List and given a "No Further Action" determination on January 26, 2011, with Institutional Controls and Restrictive Covenants in place. According to Department of Ecology UECA Registry, property use restrictions and a requirement for an impermeable surface are included as a part of the No Further Action agreement.

Department of Ecology information concerning this site is included in *Appendix A.*

4.1.3 LUST Sites - 1. *Definition:* LUST is an acronym for leaking underground storage tank. A list of LUST sites is maintained by the Washington State Department of Ecology.

Findings: Agency records reviewed February 12, 2014, showed the following reported leaking underground storage tank site within the vicinity of the subject property:

- *Dee's Auto Service* - 206 West Indiana Avenue, Spokane, WA. The affected medium is petroleum-contaminated soil. According to the Department of Ecology, Remedial Action is in process on this site. Please note that this site is outside the one-half mile reporting radius and is mentioned here only as a matter of record.

No Further Action Sites: The following sites in the immediate vicinity of the subject site were formerly on the LUST list, but have received "No Further Action" determinations from the Department of Ecology. These sites are not noted on the map in *Appendix A*, and are mentioned here only as a matter of record. Department of Ecology information concerning these sites is included in *Appendix A.*

- *Northtown Chevron* - 4615 North Division Street, Spokane, WA. The affected medium is soil. A final independent cleanup action report concerning this site was received by the Department of Ecology and a No Further Action determination was issued on January 30, 2012.

- *Ray Brown's Tire Center* - 4218 N. Division Street, Spokane, WA. The affected medium is soil. A final independent cleanup action report

concerning this site was received by the Department of Ecology and a No Further Action determination was issued on March 11, 2013.

- *SFD Station 10 (Fire Department)* - 3608 North Division Street, Spokane, WA. The affected medium is soil. A final independent cleanup action report concerning this site was received by the Department of Ecology and a No Further Action determination was issued on February 1, 2012.

- *New Concepts Auto Service (Goodyear Auto Service)* - 4423 N. Division Street, Spokane, WA - Ecology reports remediated soil contaminated with petroleum products. A Remedial Action under the Voluntary Cleanup Program (VCP) was completed and a No Further Action determination was issued by the Department of Ecology on March 26, 1998.

- *Sure Save Grocery* - 3039 N. Monroe Street, Spokane, WA - Ecology reports remediated soil contaminated with petroleum products. A Remedial Action under the Voluntary Cleanup Program (VCP) was completed and a No Further Action determination was issued by the Department of Ecology on October 27, 2009.

- *Jr.'s Town Pump* - 2725 North Division Street, Spokane, WA. The affected medium is soil. A final independent cleanup action report concerning this site was received and a No Further Action designation was issued by the Department of Ecology on February 1, 2012.

- *National Music Service Corp.*- 122 East Montgomery Avenue, Spokane, WA. The affected medium is soil. A final independent cleanup action report concerning this site has been received and a No Further Action designation was issued by the Department of Ecology on March 22, 2013.

- *Educational Service District 101* - 1025 West Indiana Avenue, Spokane, WA. The affected medium is soil. A final independent cleanup action report concerning this site was received and a No Further Action designation was issued by the Department of Ecology on August 30, 2011.

- *Monroe Quik Stop (Gull Quik Stop 1640)* - 2202 N. Monroe Street, Spokane, WA. The affected medium is soil. A final independent cleanup action report concerning this site was received and a No Further Action designation was issued by the Department of Ecology on October 31, 2007.

- *North Central Care Center* - 618 W. Nora Avenue, Spokane, WA. The affected medium is soil. A final independent cleanup action report concerning this site was received and a No Further Action designation was issued by the Department of Ecology on August 30, 2011.

- *Southland Facility 18395 (7 Eleven 18395)* - 323 W. Indiana Avenue, Spokane, WA - Ecology reports remediated soil contamination with petroleum products. A Remedial Action under the Voluntary Cleanup Program (VCP) was completed and a No Further Action determination was issued by the Department of Ecology on April 19, 1999.

Department of Ecology information concerning these sites is included in *Appendix A.*

Note: There are no active or closed LUST sites on **Indian Lands** in Spokane, Washington. Data concerning these sites in Washington is included in *Appendix A.*

4.1.4 CERCLIS Sites - 0. *Definition:* CERCLIS is an acronym for Comprehensive Environmental Response, Compensation, and Liability Information System. Sites

in the CERCLIS area are expected to be investigated by the Federal EPA for hazardous substance contamination and for possible inclusion on the NPL.

Findings: Federal databases reviewed February 12, 2014, revealed no CERCLIS sites within one-half mile of the subject site.

4.1.5 CERCLIS NPL Sites - 0. *Definition:* NPL is an acronym for National Priorities List. It is compiled by the EPA and includes the highest priority sites undergoing or scheduled for cleanup under the federal Superfund program.

Findings: According to federal records reviewed February 12, 2014, there are no NPL sites in the vicinity of the subject property

4.1.6 CERCLIS NFRAP Sites - 0. *Definition:* NFRAP is an acronym for No Further Remedial Action Planned. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the National Priorities List, or the contamination was not serious enough to require Federal Superfund action. The Archive (NFRAP) designation indicates the site has no further interest under the Federal Superfund Program based on available information. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. The Archive designation is removed and the site is returned to the CERCLIS inventory if more substantiative assessment and/or any cleanup work is necessary under the Federal Superfund program.

Findings: According to federal records reviewed February 12, 2014, no NFRAP (No Further Remedial Action Planned) sites are within one-half mile of the subject site.

4.1.7 RCRA Sites - *Definition:* RCRA is an acronym for Resource Conservation and Recovery Act. The RCRA list tracks the status of registrations, permits, reports, inspections, enforcement activities, and financial data of those sites which use, store, generate or transport hazardous materials.

4.1.7.1 CORRACT Sites. - 0. *Definition:* CORRACT sites are those RCRA sites that have required corrective action.

Findings: EPA records reviewed February 12, 2014, showed no RCRA CORRACT sites within one mile of the subject property.

4.1.7.2 RCRA TSD Sites - 0. *Definition:* RCRA TSD is an acronym for those RCRA sites which treat, store or dispose hazardous waste as defined in the Resource Conservation and Recovery Act. Such facilities are listed with the EPA.

Findings: EPA records reviewed February 12, 2014, showed no RCRA TSD sites within one-half mile of the subject property.

4.1.7.3 RCRA Generators - 1. *Definition:* RCRA generators are those sites which generate hazardous waste as defined in the Resource Conservation and Recovery Act. Such sites are listed with the EPA.

Findings: Neither the subject site nor any contiguous sites are currently on the RCRA generator list. The following site in the general vicinity of the subject site is currently on the RCRA generator list reviewed February 12, 2014:

- *Custom Body Co.* - 3104 North Monroe Street, Spokane, WA - This site is listed by the EPA as a "conditionally exempt small quantity generator" of hazardous waste.

  "A generator is a conditionally exempt small quantity generator in a calendar month if he generates no more than 100 kilograms of hazardous waste in that month. A conditionally exempt small quantity generator may either treat or dispose of his acute hazardous waste in an on-site facility or ensure delivery to an off-site treatment, storage or disposal facility." (US Environmental Protection Agency)

EPA information concerning RCRA sites in the Spokane area is included in *Appendix A.*

4.1.8 MWF - 0. *Definition*: MWF is an acronym for municipal waste facility. The Washington State Department of Ecology maintains a list of solid waste landfills in the state.

Findings: Database review showed no municipal waste facilities within the vicinity of the subject site.

4.1.9 ERNS Sites - 0. *Definition:* ERNS is an acronym for Emergency Response Notification System. The ERNS list provides the locations of hazardous spills reported to the federal emergency response system.

Findings: No sites on the subject property were on the ERNS list.

4.1.10 UST Sites - 0. *Definition:* UST Sites are those sites registered with the State of Washington as currently or formerly having underground storage tanks on-site.

Findings: Neither the subject property, nor any immediately adjacent property is currently listed in the State of Washington UST database reviewed February 12, 2014.

4.1.11 Brownfields Sites - 0. *Definition:* Brownfields are properties that are abandoned or underused because of environmental contamination, or perceived contamination from past industrial or commercial practices. Often the potential liability associated with contamination complicates business development, property transactions or expansion on the property. Cleanup and redevelopment can turn a perceived problem into a community asset. A restored brownfield can stimulate a community's economy, save green space from development, and provide an opportunity for habitat restoration or park creation. A city or town can restore properties to active use

Findings: According to Department of Ecology and US EPA records reviewed February 12, 2014, no sites within one mile of the subject property are currently listed in the Department of Ecology Brownfields inventory.

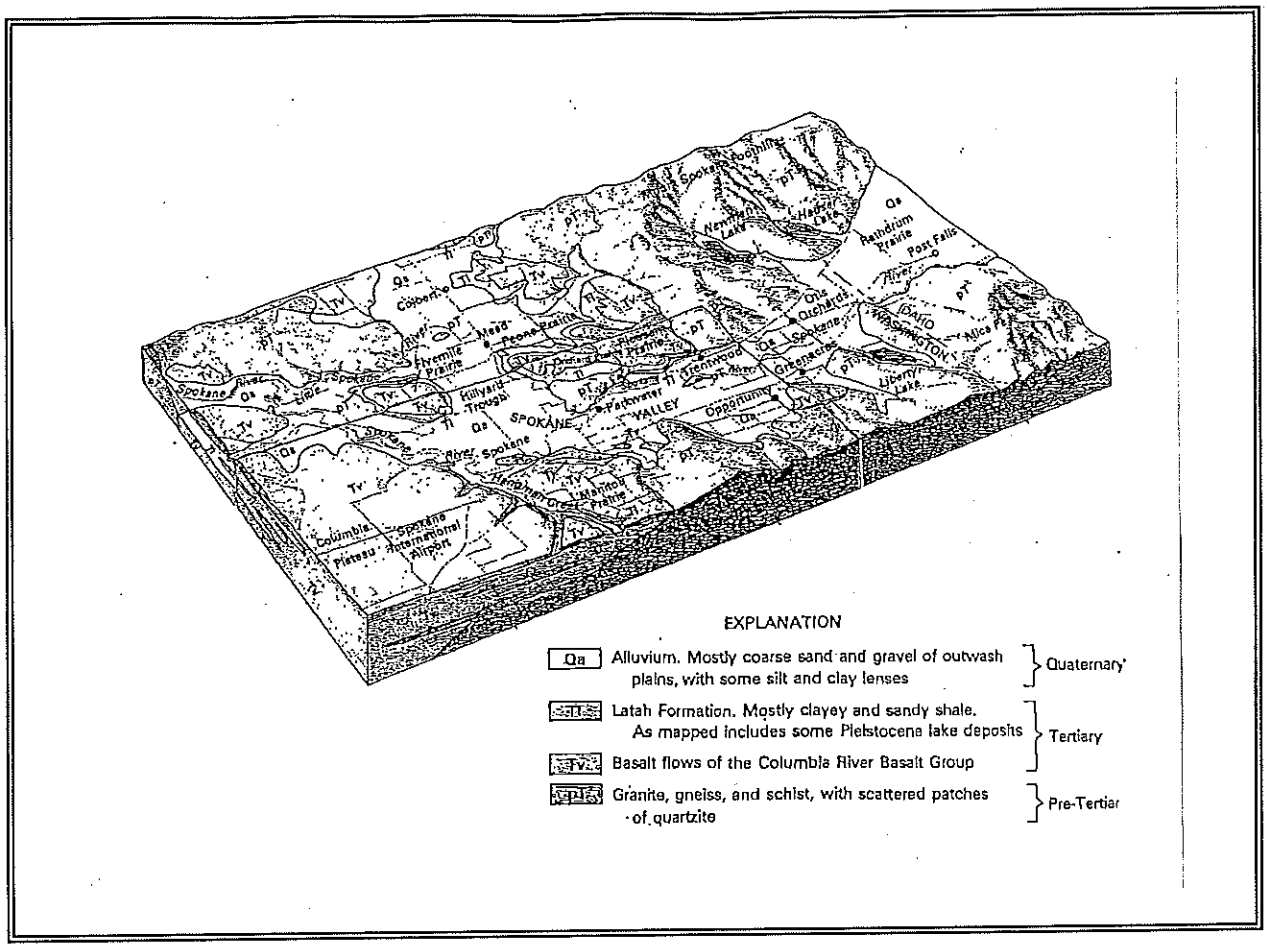
4.2 **Region Physiographic Conditions:** The surface features of the Spokane area are the result of several geological events which include basalt flows, glaciation and regional flooding.

4.2.1 Basalt Flows - Bedrock in this area consists of late Miocene age (from 5 to 24 million years ago) basalt flows of the Columbia River Group. The Spokane area is near the eastern fringe of these flows. In general, the local basalt is several hundred feet thick and interbedded with light-colored sandy, clayey sediments of the Latach formation. Basalt outcrops can be seen in numerous locations in the Spokane area.

Following the deposit of the basalt, the ancestral Spokane River cut its course in what is essentially its present valley between the Idaho border and the City of Spokane. The deep valley thus formed was the trough into which were subsequently deposited glacial outwash sand and gravel, then the coarser sand and gravel of the Spokane Floods that today form the Spokane aquifer.

4.2.2 Glaciation - Between 10,000 and 2 million years ago during the Pleistocene Epoch (Ice Age), the Earth's climate underwent periods of alternate cooling and warming. This resulted in at least four to six major glaciations which affected this area. The Spokane area was covered partially by ice lobes. Melt-water streams draining these lobes carried large quantities of sand, gravel, silt, and clay and deposited these in and along the Spokane Valley. Eventually, the last ice lobe retreated into the valley of the north-flowing Clark Fork River, northeast of the Spokane Valley and formed a massive ice dam across the valley. As melt waters from other ice lobes far up the Clark Fork River drainage became ponded behind the ice dam, Glacial Lake Missoula was formed.

4.2.3 Flooding - Eventually the ice dam was breached and the dam gave way completely. The resulting rapid draining of 500-cubic-mile Glacial Lake Missoula resulted in a maximum discharge across the Columbia Plateau of 750 million cubic feet per second (cf/s) -- 20 times the combined flow of all the rivers of the world today. When the flood waters passed through the Rathdrum Prairie-Spokane Valley area, the flood waters carried large volumes of rock debris and sediment of all sizes from clay particles to large cobbles and boulders. These flood deposits form the present highly permeable aquifer beneath the Spokane Valley.



4.2.4 Topographical Conditions: The US Geological Survey (USGS) Topographic Map, Spokane NW, WA Quadrangle shows the elevation on the property as approximately 1940 feet above sea level. The site is mostly flat with a major rise in elevation at the north boundary, where a hillside rises to an elevation of approximately 2000 feet above sea level (see photographs 4 and 5). At the boundaries, it is basically at the same elevation as adjacent sites. The generalized surface gradient in the area of the subject site is down toward the south.

4.2.5 Soil Conditions: Soils are classified by the U.S. Department of Agriculture (USDA) and the American Society for Testing and Materials (ASTM).

The subject site is in an area where the USDA classifies the soil as Spens very gravelly loamy coarse sand, 30 to 65 percent slopes. To the south and east, the soils transition to Urban land - Opportunity, disturbed complex, 3 to 8 percent slopes. Observation of visible soils in the area tends to verify this classification. A copy of the 2014 USDA Natural Resources and Conservation Service Web Soil Survey is included in *Appendix A.*

4.2.6 Groundwater Conditions: The depth to groundwater at the property is estimated to be greater than 200 feet. Generally, in this area groundwater could be expected to flow northwest. The nature of fractured basalt rock found in the subsurface can cause wide variation in groundwater depth and direction in the vicinity of the subject site. The subject site lies within the boundaries of the Spokane Valley/Rathdrum Prairie Aquifer, which stretches from northern Idaho to Spokane and is a prominent physiographic feature of the State of Washington.

4.2.7 Flood Plain Conditions: Based on publicly available information, the property is not shown to be in a flood plain area.

4.3 Historical Review: The following local agency files or historical records were reviewed in the preparation of this report:

4.3.1 Original Construction/Development - Metsker Maps, Sanborn Maps, historical atlases, aerial photos, Polk Directories, Title Company files, Fire Department records, and Spokane City and County records were among those documents reviewed to obtain historical information about the property.

- *Polk City Directories and historic phone records* - City Directories checked at five year intervals, beginning with the first available in 1929, show the area surrounding the site was residential in use. There were no entries for the

subject site until 1980, when *Expo Village Mobile Home Park* appears at an address of 600 W. Cora Avenue. In approximately 1985, the use is identified as *Garland Hills Mobile Home Park.* In 1992, there was no entry. In 2000, the use was identified as *Faith Bible Church.* Subsequent entries showed that use continuing. There were no uses discovered that identified a recognized environmental condition at the subject site.

- *Sanborn Maps* - Available 1910 and 1950 Sanborn Maps show the hillside in place on the north area of the subject site. The 1910 map shows the site as vacant ground. The 1950 map shows a very large sand and gravel extraction pit operation in place all along the base of the hillside. A copy of the 1950 Sanborn Map is included in *Appendix A.*

- *Fire Department Records* - Records concerning underground storage tanks and environmental responses to the subject site were requested from the Spokane Fire Department. The Fire Department did not find any evidence in the records indicating underground storage tanks or environmental responses at the site.

- *Metsker Maps* - The historical maps show the property in an area known as the Resurvey of Whitings Second Addition and they do not indicate specific development on the site. Locations of railroad lines, major roadways, pipelines and the Spokane River were identified with relationship to the subject site. However, nothing identified on these maps indicated an environmental concern for the subject site.

- *Aerial Photographs* - 1935, 1950, 1962, 1974, 1986, 1992, and 2014 aerial photographs that included the subject site were available for review. All reviewed photographs show development consistent with other historical

records. The 1935, 1950 and 1962 photographs show the site as part of the large sand and gravel pit mining operation. The 1974 photograph shows the RV Park in place. The 1986 photograph shows the mobile home park, and the west adjacent apartment complex in place. The 1992 photograph shows the outline of the mobile home park, but the park has been dismantled. The 2014 photograph shows the subject site in the current configuration. Copies of the 1935, 1950, 1974, 1986 and 2014 photographs are included in *Appendix A*.

- *Spokane City Records* - Building Department records, beginning in 1973, when the original infrastructure was constructed, were available for review. The permit record verified that the site has been connected to the public water and sewer systems since then. Available permits were all for the Expo Village RV Park and the Garland Hills Mobile Home Park. No recognized environmental conditions were identified in the available permits.

- *Spokane County Assessor's Records* - Field book records at the County Assessor's offices contained field sketches of the church building to the east and the site configuration identified the subject site as vacant land. No recognized environmental conditions were identified in the review of County Assessor records.

- *Title Company* - A property file review was conducted back to 1940, at the offices of First American Title Insurance Company. The review identified private ownership of the subject site since 1940. The current owners of the site, Faith Bible Church, purchased the old mobile home site from Great Western Savings Bank. There were no environmental liens or restrictions, leases or ownerships of record discovered that indicated an environmental concern for the subject site.

4.5 Previous Environmental Investigations: There were no public records found regarding previous environmental investigations of the subject site. It is known that during the years when the previous sand and gravel pit was abandoned, there was incidental dumping of yard debris and household junk in the pit. Most of the known dumping occurred in the area to the east of the subject site. Nothing of significance was discovered when Faith Bible Church completed geotechnical studies of the site.

Section 5.0

INVESTIGATION RESULTS

5.0 Site Observations: Site reconnaissance was performed to determine if *recognized environmental conditions* were present at the property or adjoining properties. At the time of site reconnaissance on January 28, 2015, the existing site conditions were favorable. The sky was overcast, the ambient air temperature was approximately 30 degrees F., and the wind was light and variable. The findings are discussed below.

5.1 Hazardous Substances: During the site reconnaissance, no hazardous substances were observed.

5.2 Hazardous Substance Containers and Unidentified Substance Containers: There was no visible evidence observed that suggested unidentified containers or hazardous substance containers have been improperly used or stored on the subject site. No containers were observed.

5.3 Storage Tanks:

5.3.1 Underground Storage Tanks (USTs) - Nothing was observed indicating present or past use of USTs at the subject site.

5.3.2 Above-Ground Storage Systems (ASTs) - Nothing was observed that indicated present or past use of ASTs at the subject site. It is possible that the previous mobile homes on the site may have utilized small heating oil ASTs. However that use is not a significant issue. No ASTs were observed.

5.4 **Polychlorinated Biphenyl (PCB) Equipment:** There was no visual evidence of PCB equipment on the property. The transformers observed in the area of the site appeared to be in good condition without any indications of heat stress, and they appeared to be labeled NON PCB.

5.5 **Solid Waste Disposal:** Regularly scheduled refuse pickups by the City of Spokane dispose of non-hazardous waste in the vicinity of the subject site. There was no discovered evidence that solid wastes have ever been improperly buried on the subject site. Minor amounts of crushed asphalt and concrete residuals from the previous use as a mobile home park were observed in some locations. It is known that incidental disposal of yard waste and household junk from nearby residences took place during the time the site was part of the abandoned sand and gravel pit. However, there were no discoveries of problematic items at the Faith Bible Church building site to the east when it was developed. That area was reported to have been the most heavily affected.

5.6 **Physical Setting Analysis:** No physical setting issues were identified. All potentially problematic commercial uses in the vicinity are either sufficiently separated for both surface and groundwater migration considerations or current practices do not pose probable issues.

5.7 **Sensitive Receptors:** No evidence was observed of the following sensitive receptors:

- Major underground conduits, etc.
- Monitoring or water wells
- Pits, lagoons, ponds

One stormwater catch basin was observed in the southwest area of the site. There was no observed evidence that indicated this basin has ever had contaminated

material introduced to the chamber. There was no observed staining and no detectable odor.

5.8 **Drums:** There was no visible evidence of present or past improper use of drums on the subject site. No drums were observed.

5.9 **Surface Soil Conditions:** During reconnaissance, no indications of the following conditions were observed on the surfaces of the subject site:

- Pits, ponds, or lagoons
- Unidentified substance containers
- Waste water with identified uses

There were small amounts of yard waste and benign trash observed in the northwest area of the site (see photograph 8). Nothing observed in this debris was of significance.

5.10 **Pesticides and Herbicides:** There was no evidence of pesticide or herbicide usage (stressed vegetation, odors) encountered during the site reconnaissance.

5.11 **Lead-Based Paint:** Since there are no structures on the site, lead-based paint should not be present. Testing for lead content in paint was outside of the scope of work for this assessment.

5.12 **Asbestos-Containing Material (ACM):** Since there are no structures on the site, ACM should not be present. Testing for asbestos content in building materials was outside the scope of work for this assessment.

5.13 **Urea Formaldehyde Foam Insulation (UFFI):** No visible or historical evidence was found that UFFI was used on the property.

5.14 **Radon:** Spokane County is reported by the State of Washington to pose a moderate-to-high risk for radon impact. Since there are no structures on the site to promote accumulation, radon is not considered a problem for the site in the current configuration. Testing for radon gas was outside the scope of work for this assessment.

5.15 **Odors:** Strong, pungent or noxious odors were not encountered during the site reconnaissance.

Section 6.0

FINDINGS AND CONCLUSIONS

6.1 **Findings and Conclusions:** TechCon has performed a Phase I Environmental Site Assessment in substantial conformance with the scope and limitations of ASTM Practice E 1527-13 and 40 CFR Part 312 of the property as described in the legal description of Section 3.0 of this document. Any exceptions to, or deletions from this practice are described in Section 2.3 of this report. **This assessment did not discover any *current, controlled or historical recognized environmental conditions* on the subject site. We noted no *suspect* or *de minimis recognized environmental conditions.* The risk of contamination is so minimal that no further investigation is recommended.**

Section 7.0

CERTIFICATIONS

7.0 Certification Statement: I certify that to the best of my knowledge and belief the facts and data used in this survey are true and accurate, based on currently accepted and available information as of the survey date; that I personally surveyed the subject property; and I have no undisclosed interest, present or future in this property.

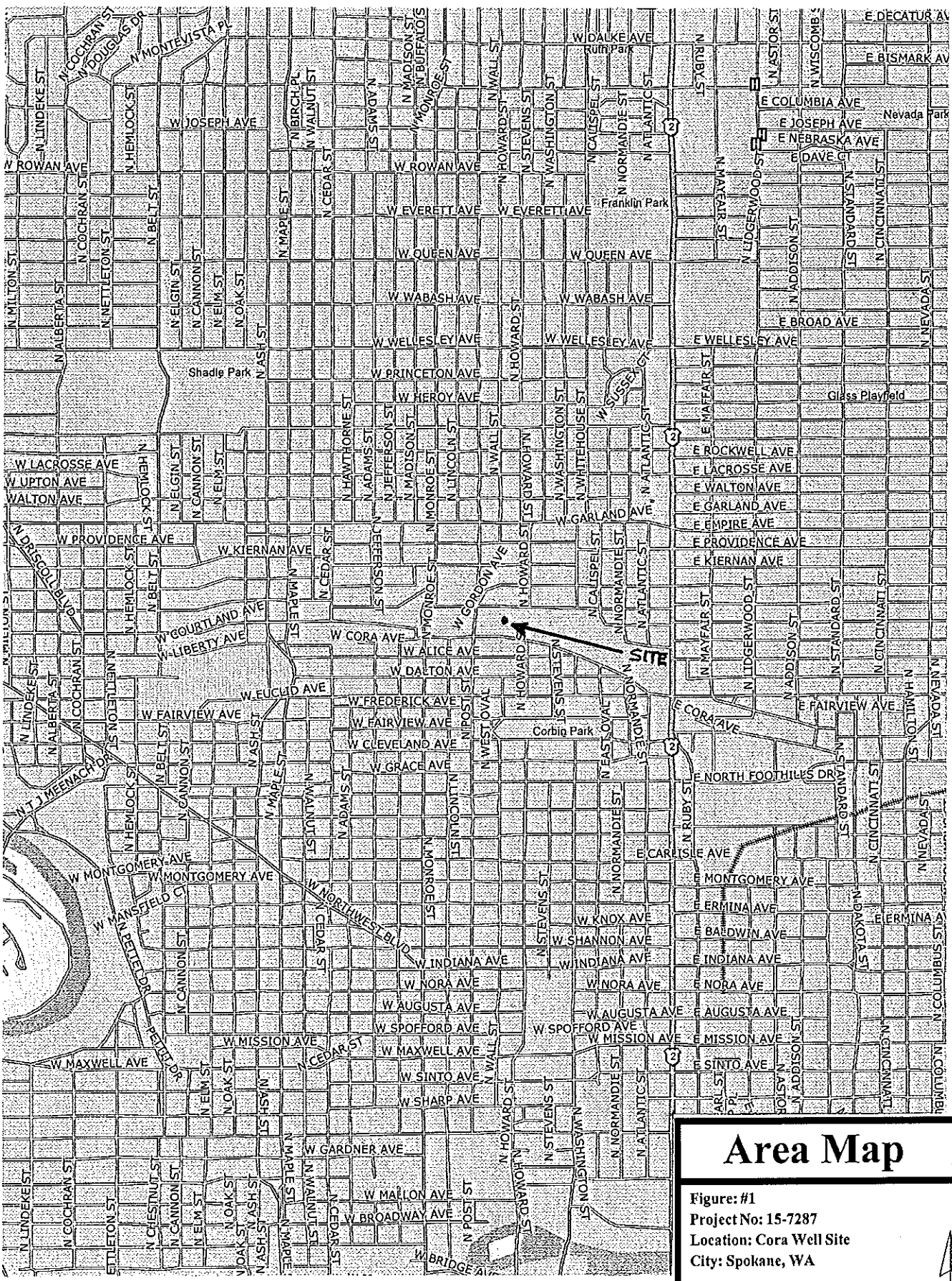
I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the "all appropriate inquiries" in conformance with the standards and practices set forth in 40 CFR Part 312.

Daniel L. Autrey, CEI, #8067

2/16/2015
Date

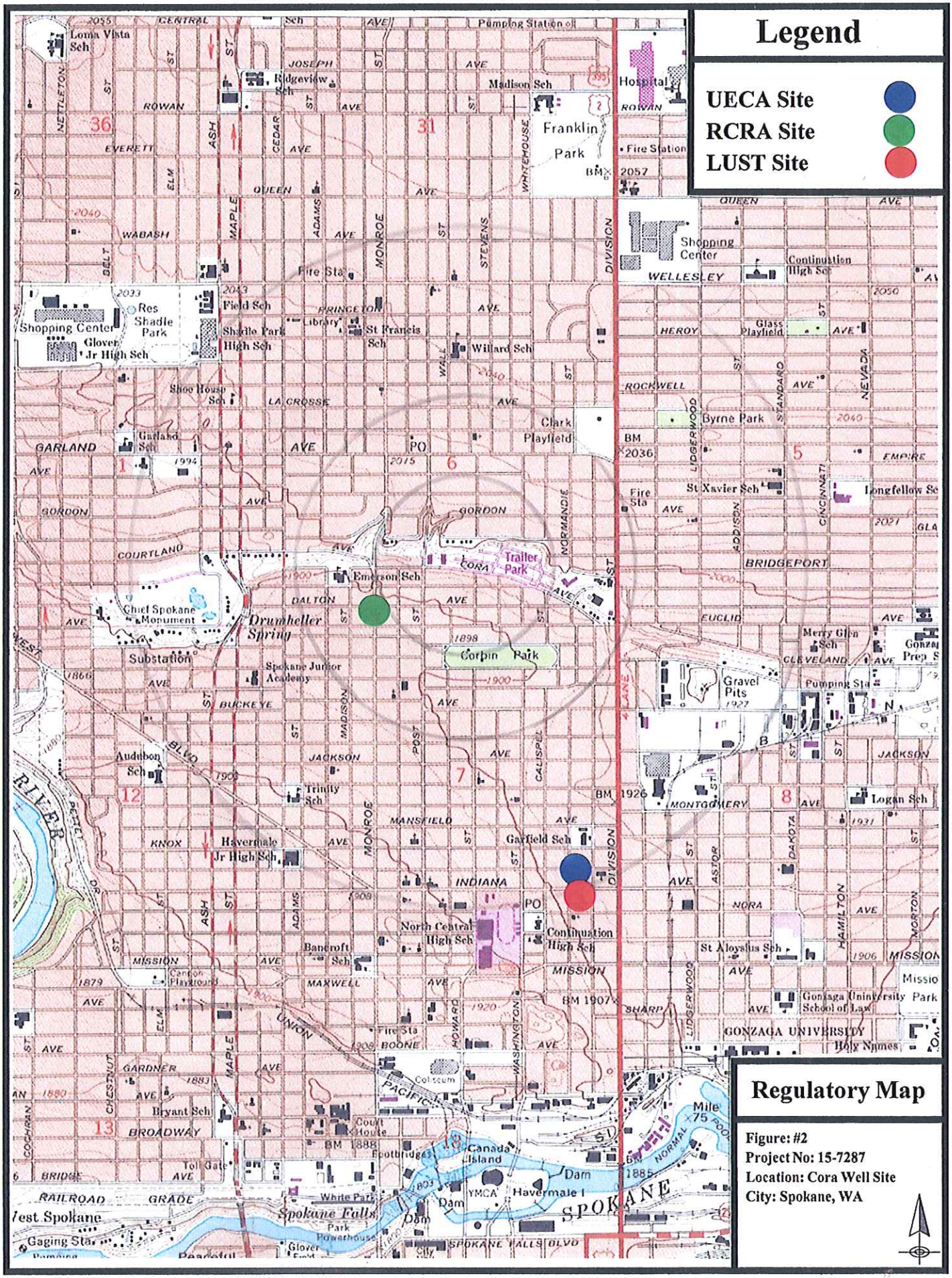
APPENDIX A

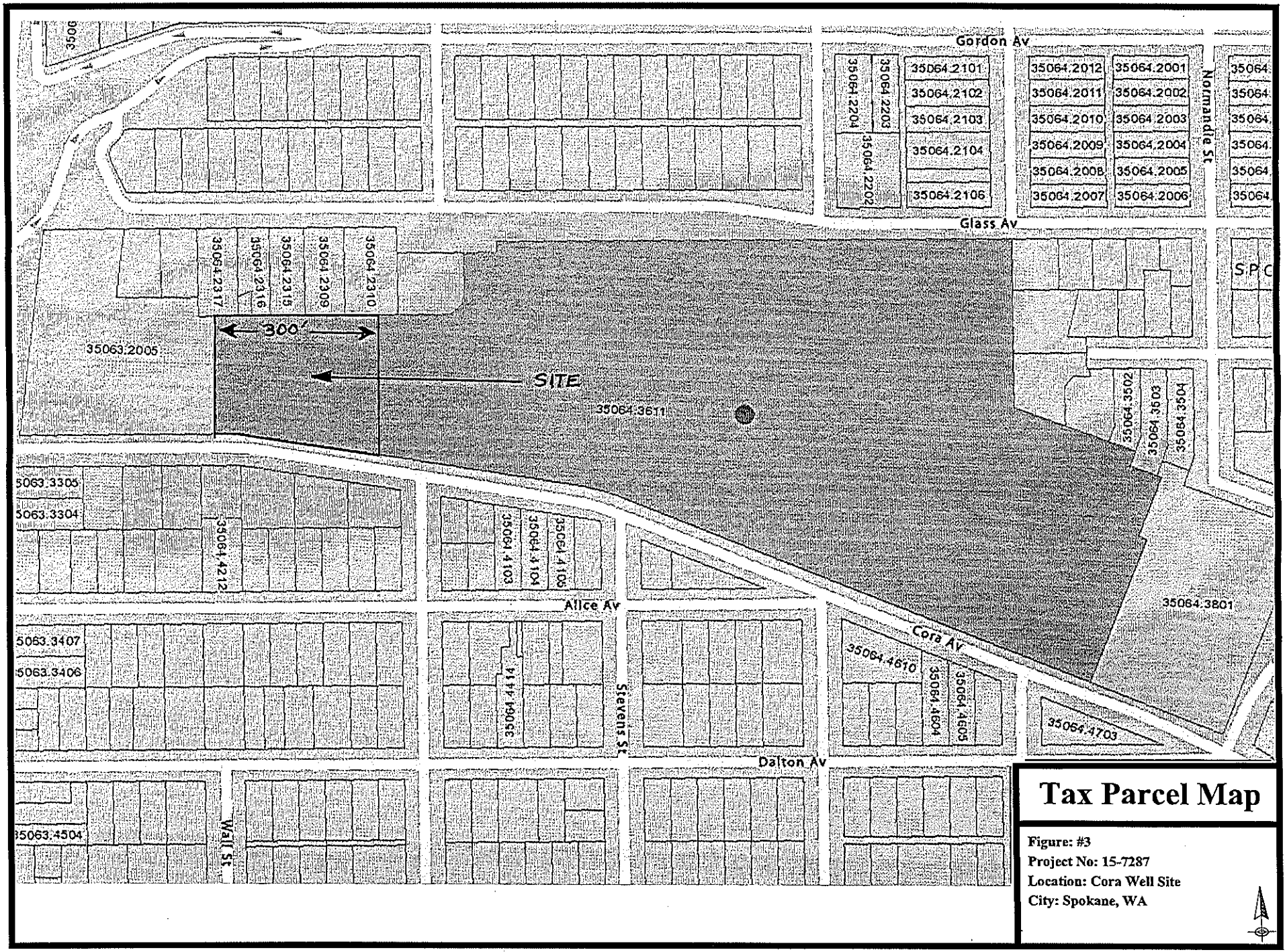
MAPS AND DOCUMENTS



Area Map

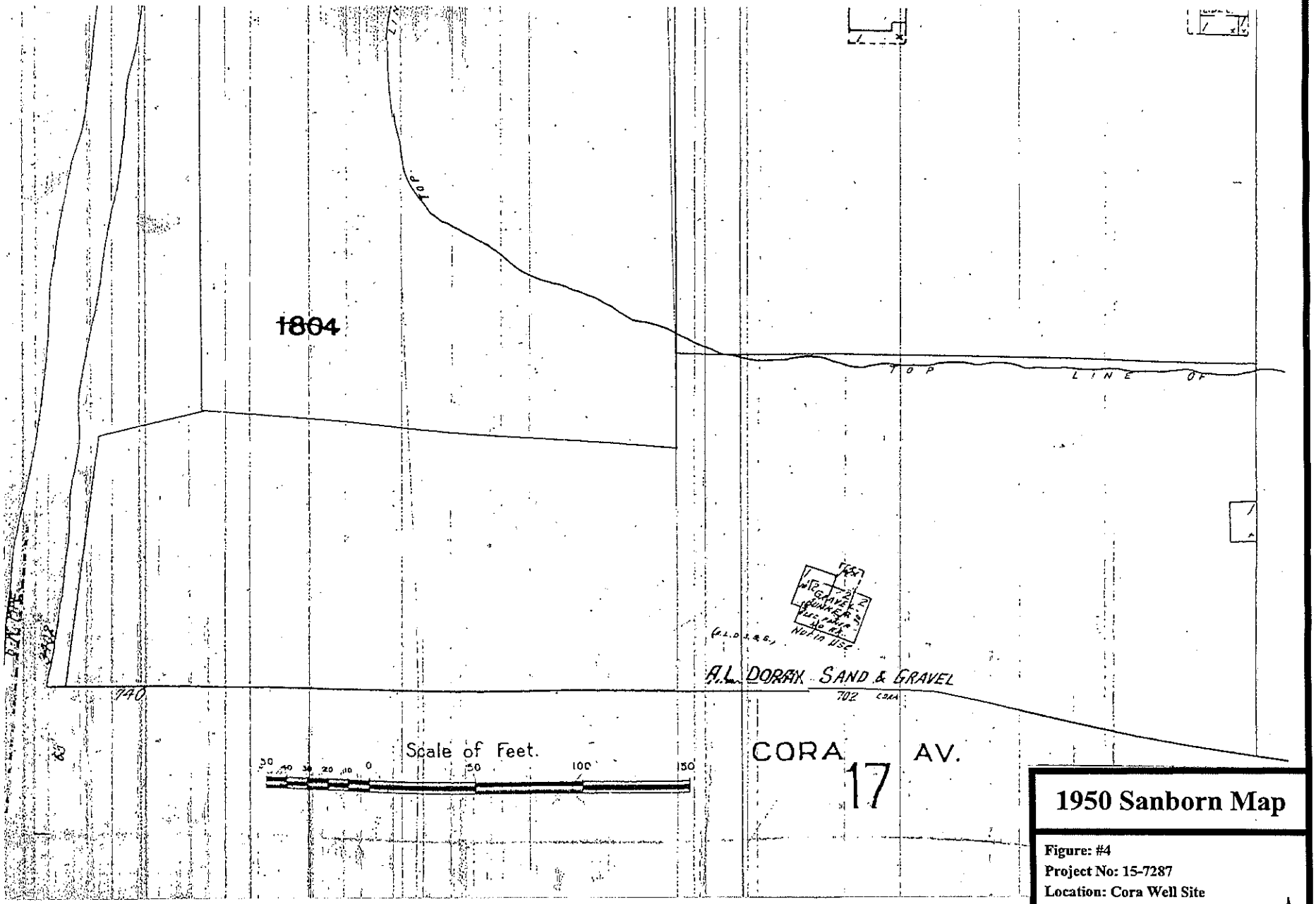
Figure: #1
Project No: 15-7287
Location: Cora Well Site
City: Spokane, WA


Legend
UECA Site
RCRA Site
LUST Site
Regulatory Map
Figure: #2
Project No: 15-7287
Location: Cora Well Site
City: Spokane, WA
Loma Vista Sch
Ridgeview Sch
Madison Sch
Hospital
Franklin Park
Fire Station
Shopping Center
Continuation High Sch
Res Shadle Park
Shadle Park High Sch
Glover Jr High Sch
Field Sch
St Francis Sch
Willard Sch
Fire Sta
Clark Playfield
Byrne Park
Glass Playfield
Garland Sch
St Xavier Sch
Longfellow Sc
Trailer Park
Emerson Sch
Chief Spokane Monument
Drumheller Spring
Substation
Corbin Park
Spokane Junior Academy
Gravel Pits
Pumping Sta
Merry Glen Sch
Audubon Sch
Trinity Sch
Havermale Jr High Sch
Garfield Sch
Logan Sch
North Central High Sch
Continuation High Sch
Bancroft Sch
St Aloysius Sch
Gonzaga University School of Law
GONZAGA UNIVERSITY
Holy Names
Canyon Playground
Bryant Sch
Court House
Coliseum
Footbridge
Canada Island
Dam
YMCA
Havermale I
Spokane Falls Park
Powerhouse
Gaging Sta
Toll Gate
RAILROAD GRADE
West Spokane
SPOKANE
SPOKANE FALLS BLVD
Mile
Pumping Station
Library
Shoe House Sch
Chief Spokane Monument
Corbin Park
Gravel Pits
Canyon Playground
Coliseum
Footbridge
Canada Island
Dam
YMCA
Havermale I
Spokane Falls Park
Powerhouse
Gaging Sta
Toll Gate
RAILROAD GRADE
West Spokane
SPOKANE
SPOKANE FALLS BLVD
Mile
Pumping Station
Library
Shoe House Sch



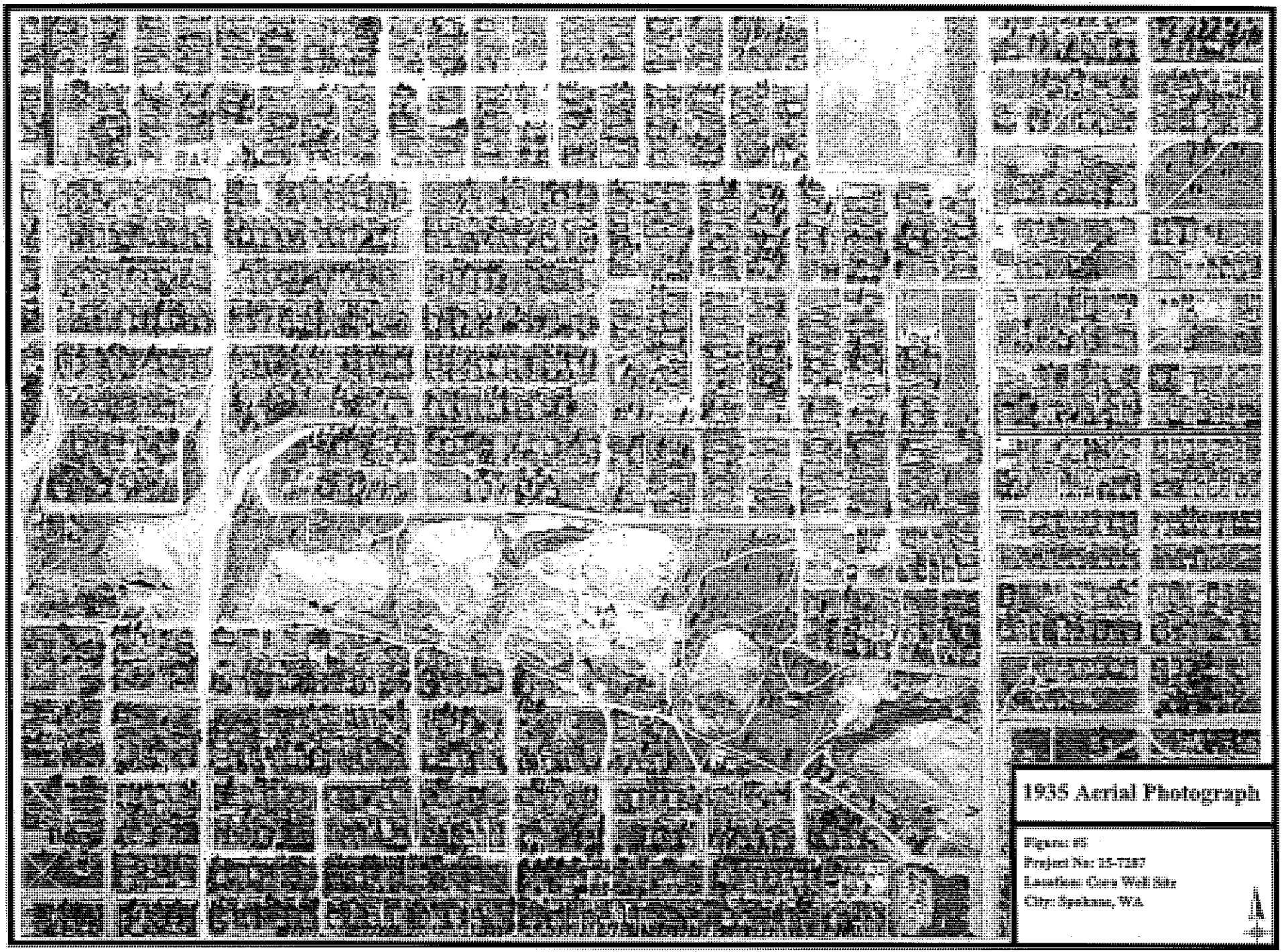
Tax Parcel Map

Figure: #3
Project No: 15-7287
Location: Cora Well Site
City: Spokane, WA



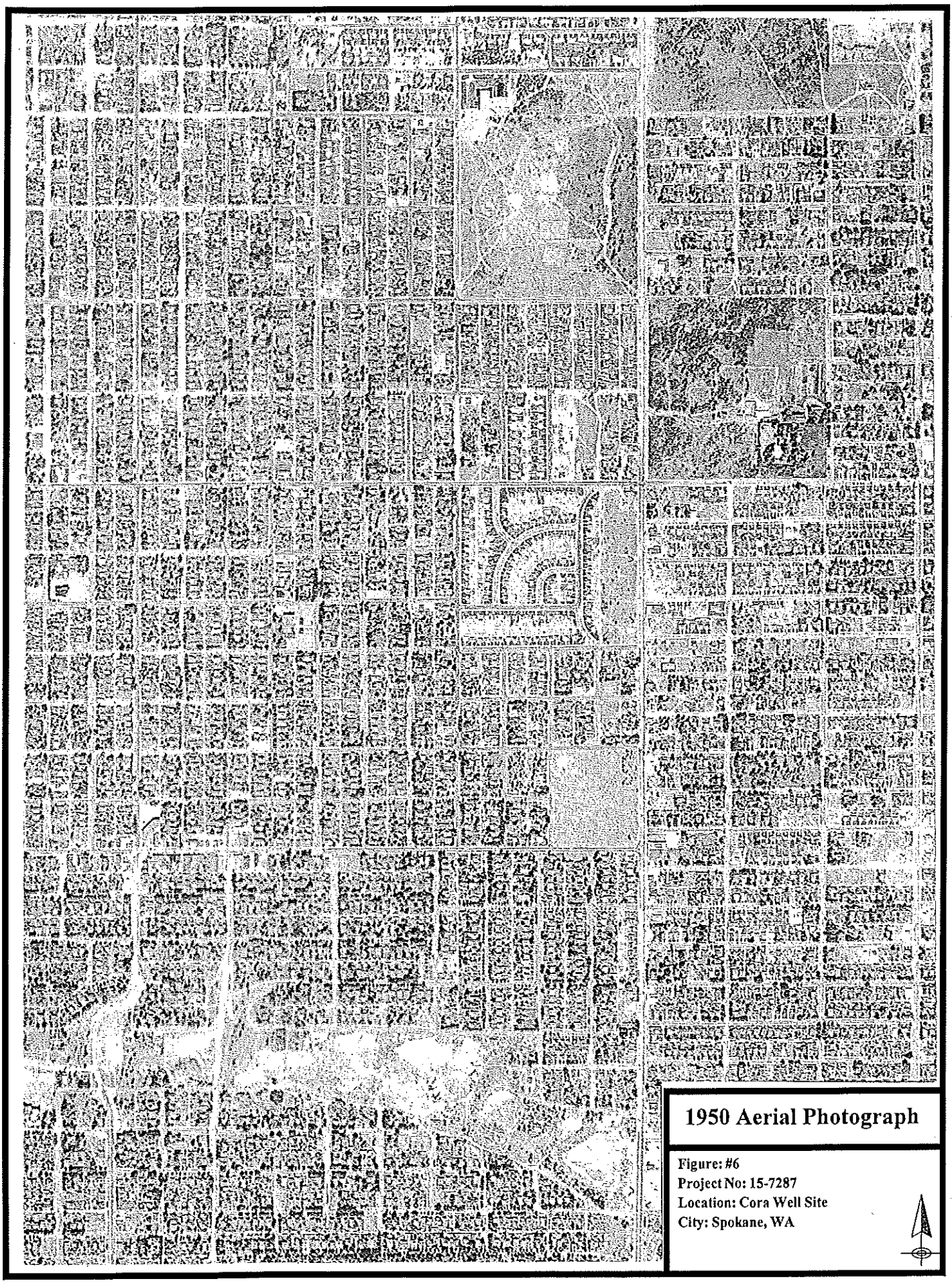
1950 Sanborn Map

Figure: #4
Project No: 15-7287
Location: Cora Well Site
City: Spokane, WA



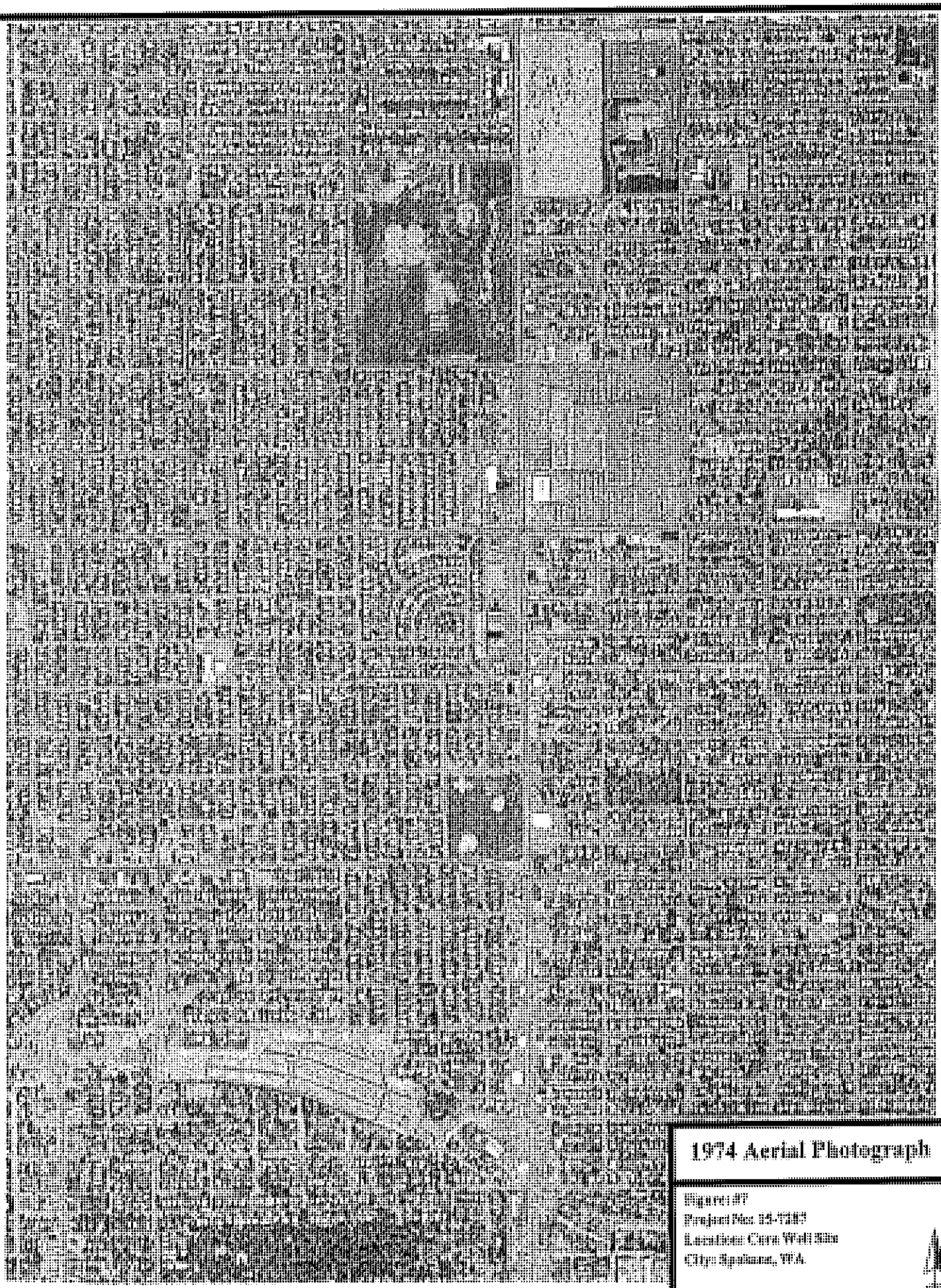
1935 Aerial Photograph

Figure: #5
Project No: 15-7287
Location: Coca Well Site
City: Spokane, WA



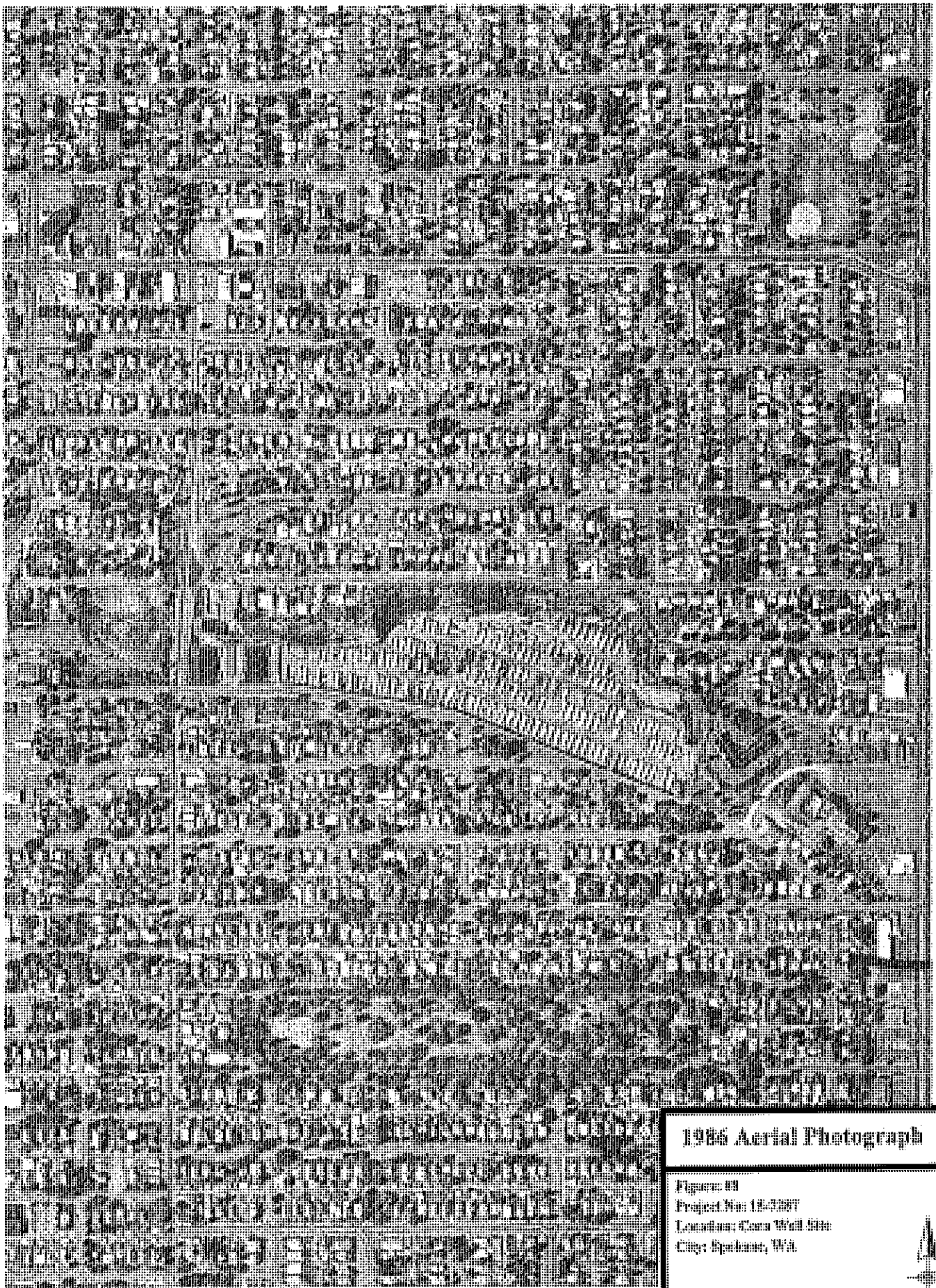
1950 Aerial Photograph

Figure: #6
Project No: 15-7287
Location: Cora Well Site
City: Spokane, WA



1974 Aerial Photograph

Figure #7
Project No. 15-7287
Location: Corn Well Site
City: Spokane, WA



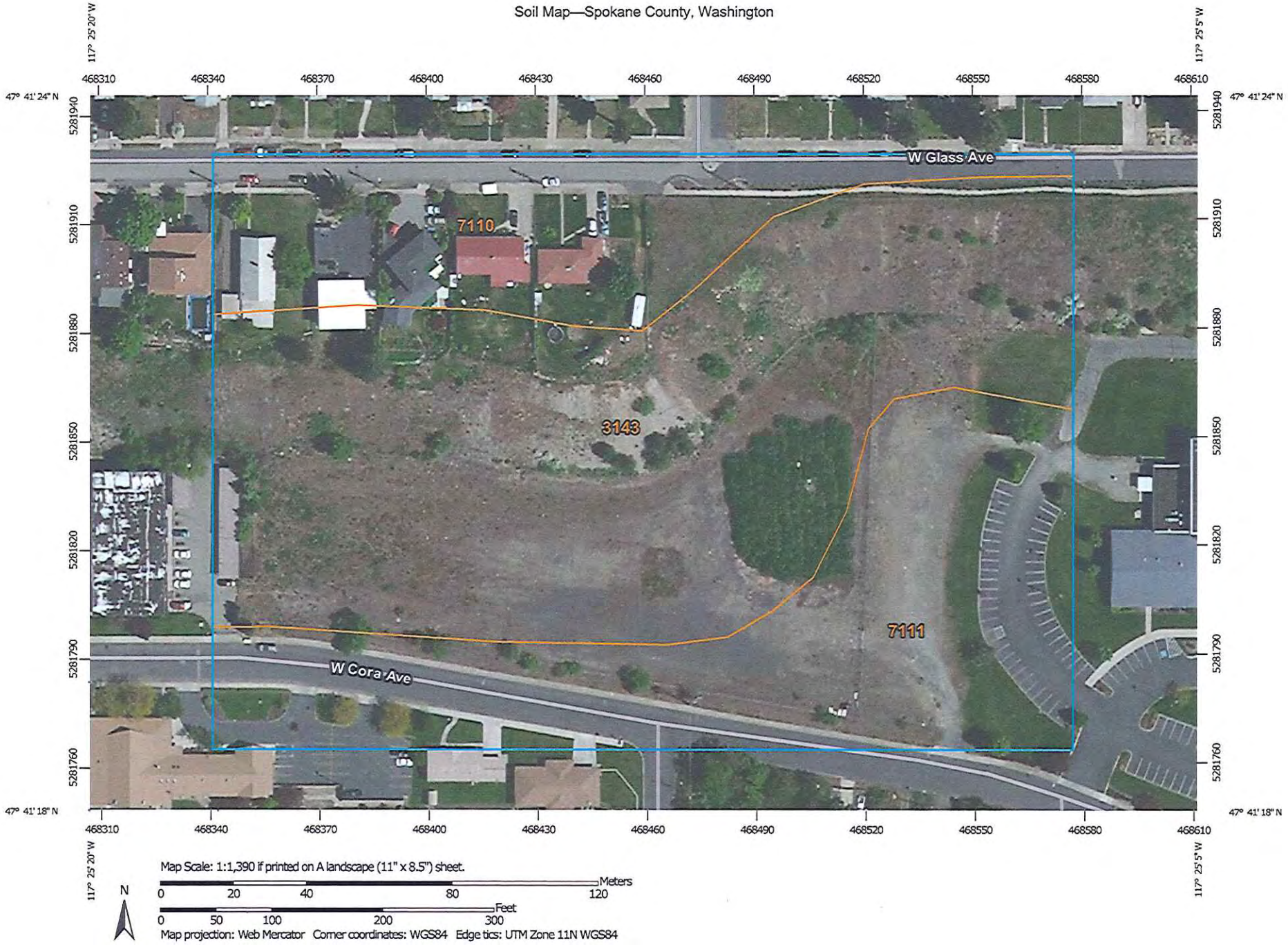
1986 Aerial Photograph

Figure: 9
Project No: 15-1207
Location: Cora Wall Site
City: Spokane, WA

2014 Aerial Photograph

Figure: #9
Project No: 15-7287
Location: Cara Well Site
City: Spokane, WA

Soil Map—Spokane County, Washington



Map Scale: 1:1,390 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: http://websoilsurvey.nrcs.usda.gov
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: Spokane County, Washington
Survey Area Data: Version 5, Sep 4, 2014

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

Date(s) aerial images were photographed: Jun 4, 2011—Jul 5, 2011

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

Spokane County, Washington (WA063)			
Map Unit Symbol	Map Unit Name	Acres In AOI	Percent of AOI
3143	Spens very gravelly loamy coarse sand 30 to 65 percent slopes	5.0	51.5%
7110	Urban land-Opportunity, disturbed complex, 0 to 3 percent slopes	1.8	18.3%
7111	Urban land-Opportunity, disturbed complex, 3 to 8 percent slopes	2.9	30.2%
Totals for Area of Interest		9.6	100.0%

SITE ID:	Wendle Motors Inc		Cleanup Site ID: 2402	FS ID: 35172165
	Alternate Name(s):	WENDLE FORD, WENDLE FORD NISSAN ISUZU INC, Wendle Motors Inc		

LOCATION:		WRIA: 54	Lat/Long:	47.701	-117.412	View Vicinity Map
Address:	4727 N DIVISION ST		Township	Range	Section	Legislative District: 3
	SPOKANE 99205		26N	43E	31	Congressional District: 5

STATUS:	No Further Action Required	Rank:	View Site Web Page	View Site Documents
	Responsible Unit: Eastern	Site Manager: Carter, Patti	Statute: MTCA	
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?	
	NFA Received? Yes	NFA Date: 3/4/2009	NFA Reason: NFA-Voluntary Cleanup Program Review	

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
3703	WENDLE FORD NISSAN ISUZU INC	Upland	Voluntary Cleanup Program	Cleanup Complete - Active O&M/Monitoring ongoing		

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
CleanupSite		Site Discovery/Release Report Received			11/16/2007			Leinart, Phil
CleanupSite		Site Status Changed to NFA			3/4/2009			
VcpProject	EA0170	VCP Application	Completed	2/28/2008				
VcpProject	EA0170	VCP Termination	Completed		3/4/2008			
VcpProject	EA0170	VCP Opinion on Cleanup Action Plan	Completed		4/30/2008			Carter, Patti
VcpProject	EA0170	VCP Opinion on Cleanup Action	Completed		1/12/2009			Carter, Patti

AFFECTED MEDIA & CONTAMINANTS:

	Media:					
Contaminant:	Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Petroleum Products-Unspecified			R			

Key:
B - Below Cleanup Level
C - Confirmed Above Cleanup Level
S - Suspected
R - Remediated
RA - Remediated-Above
RB - Remediated-Below

SPOKANE COUNTY

SITE ID:	**WA DOT Eastern Region Mayfair**	Cleanup Site ID: 1084	FS ID: 655
	Alternate Name(s):	SPOKANE DISTRICT 6 SITE, WA DOT Eastern Region, WA DOT Eastern Region Mayfair, WA DOT Mayfair Ust, WA DOT SPOKANE MAYFAIR	

LOCATION:		WRIA: 54	Lat/Long: 47.683	-117.410	View Vicinity Map
Address:	2714 N MAYFAIR ST		Township	Range	Section	Legislative District: 3
	SPOKANE 99207		25N	43E	8	Congressional District: 5

STATUS:	**No Further Action Required**	Rank: 5	View Site Web Page	View Site Documents
	Responsible Unit: Eastern	Site Manager: Carter, Patti	Statute: MTCA	
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?	
	NFA Received? Yes	NFA Date: 9/25/1993	NFA Reason: NFA-Ecology Supervised/Conducted Cleanup	

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
431	SPOKANE DISTRICT 6 SITE	Upland	No Process	Cleanup Complete - Active O&M/Monitoring ongoing		

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
CleanupSite		Initial Investigation / Federal Preliminary Assessment	Completed	8/7/1984	9/7/1984		Ecology	O'Flaherty, Patricia
CleanupSite		Site Hazard Assessment/Federal Site Inspection	Completed	8/19/1986	12/19/1986		Ecology	Spencer, Michael J.
CleanupSite		Site Hazard Assessment/Federal Site Inspection	Completed	12/18/1990	1/25/1991		Ecology	Carter, Patti
CleanupSite		Hazardous Sites Listing/NPL			8/27/1991			Carter, Patti
CleanupSite		Remove site from Hazardous Sites List			10/12/1993			Carter, Patti
CleanupSite		Site Status Changed to NFA			9/25/1993			

AFFECTED MEDIA & CONTAMINANTS:

	Media:					
Contaminant:	Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Halogenated Organics	R		R			
Non-Halogenated Solvents	R		R			

Key:
B - Below Cleanup Level
C - Confirmed Above Cleanup Level
S - Suspected
R - Remediated
RA - Remediated-Above
RB - Remediated-Below

SITE ID:	**DRAPERY MART**	Cleanup Site ID: 11389	FS ID: 5190
	Alternate Name(s): DRAPERY MART		

LOCATION:		WRIA: 54	Lat/Long: 47.675	-117.416	View Vicinity Map
Address:	225 W INDIANA AVE		Township	Range / Section	Legislative District: 3
	SPOKANE 99205		25N	43E / 7	Congressional District: 5

STATUS:	**No Further Action Required**	Rank:	View Site Web Page	View Site Documents
	Responsible Unit: Eastern	Site Manager: Carter, Patti	Statute: MTCA	
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?	
	NFA Received? Yes	NFA Date: 1/26/2011	NFA Reason: NFA-Voluntary Cleanup Program Review	

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
11987	Drapery Mart	Upland	Voluntary Cleanup Program	No Further Action Required		

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
CleanupSite		Site Status Changed to NFA			1/26/2011			Carter, Patti
VcpProject	EA0214	VCP Application	Completed	7/14/2010				Carter, Patti
VcpProject	EA0214	VCP Receipt of Plan or Report	Completed	7/19/2010				Carter, Patti
VcpProject	EA0214	VCP Opinion on Site Cleanup	Completed	12/28/2010	1/26/2011			Carter, Patti
VcpProject	EA0214	VCP Termination	Completed		1/26/2011			Carter, Patti

AFFECTED MEDIA & CONTAMINANTS:

Contaminant:	Media: Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Polynuclear Aromatic Hydrocarbons			RA			

Key:
B - Below Cleanup Level
C - Confirmed Above Cleanup Level
S - Suspected
R - Remediated
RA - Remediated-Above
RB - Remediated-Below

Spokane County

SITE ID and LOCATION View Site Web Page View Site Documents

FS ID	CS ID	Cleanup Site Name & Address	Site Manager	NFA Date	Site Status & Rank
5190	11389	DRAPERY MART 225 W INDIANA AVE SPOKANE 99205	Carter, Patti	1/26/2011 12:00:00 AM	NFA

ENVIRONMENTAL COVENANTS & other INSTITUTIONAL CONTROLS

Instrument Type	Notes	County Recording #	County Recording Date	Control Type Details	
Environmental Covenant	Environmental Covenant	5968986	1/11/2011	Engineering Control	Impermeable Surface
				Use Restriction	Restrict Land Use

Report Legend

The **Environmental Covenants* Registry** is a list of sites that have residual contamination remaining on them after the cleanup has been completed. These sites have environmental covenants or deed restrictions limiting certain uses of the property. Example covenants would be those prohibiting the drilling of a water supply well on the property or use of the property for residential uses.

* The terms 'Environmental Covenant', 'Institutional Control' and 'Restrictive Covenant' have been used synonymously over time.

Acronyms

FS ID = Facility-Site Identification Number (Ecology use)
CS ID = Cleanup Site Identification Number (Toxics Cleanup Program use)
NFA = 'No Further Action' determination

Rank = WAshington Ranking Method or WARM Score (0-Federal Superfund, 1-Highest Assessed Risk, through 5-Lowest Assessed Risk).

SPOKANE COUNTY

SITE ID:	**DEE'S AUTO SERVICE**	Cleanup Site ID: 9316	FS ID: 46315252
	Alternate Name(s): DEE'S AUTO SERVICE, DEES AUTO SERVICE		

LOCATION:		WRIA: 54	Lat/Long:	47.675 -117.415	View Vicinity Map
Address:	206 W INDIANA		Township	Range Section	Legislative District: 3
	SPOKANE 99205		25N	43E 7	Congressional District: 5

STATUS:	**Cleanup Started**	Rank:	View Site Web Page	View Site Documents
	Responsible Unit: Eastern	Site Manager: Boatsman, Michael	Statute: MTCA	
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?	
	NFA Received?	NFA Date:	NFA Reason:	

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
9008	DEE'S AUTO SERVICE	Upland	Independent Action	Cleanup Started		

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
LUST	2617	LUST - Notification		3/17/1993	3/17/1993			
LUST	2617	LUST - Report Received		5/17/1993	5/17/1993			

AFFECTED MEDIA & CONTAMINANTS:

Media:

Contaminant:	Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Petroleum-Other			C			

Key:
B - Below Cleanup Level
C - Confirmed Above Cleanup Level
S - Suspected
R - Remediated
RA - Remediated-Above
RB - Remediated-Below

SITE ID:	NORTHTOWN CHEVRON	Cleanup Site ID: 9921	FS ID: 62275415
	Alternate Name(s):	NORTHTOWN CHEVRON, NORTHTOWN GAS & DELI, NORTHTOWN GAS & DELI MART, UNOCAL 2542	

LOCATION:		WRIA: 54	Lat/Long: 47.700	-117.412	View Vicinity Map
Address:	4615 N DIVISION		Township	Range	Section	Legislative District: 3
	SPOKANE 99207		25N	43E	6	Congressional District: 5

STATUS:	No Further Action Required	Rank:	View Site Web Page	View Site Documents
	Responsible Unit: Eastern	Site Manager: Eastern Region	Statute: MTCA	
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?	
	NFA Received? Yes	NFA Date: 1/30/2012	NFA Reason: NFA-Initial Investigation	

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
9613	NORTHTOWN CHEVRON	Upland	Independent Action	No Further Action Required		

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
CleanupSite		Site Status Changed to NFA			1/30/2012			Ladwig, Doug
LUST	2226	LUST - Notification		12/18/1989	12/18/1989			Leinart, Phil
LUST	2226	LUST - Report Received		12/13/1989	12/18/1989			

AFFECTED MEDIA & CONTAMINANTS:

Contaminant:	Media: Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Petroleum-Other			C			

Key:
B - Below Cleanup Level
C - Confirmed Above Cleanup Level
S - Suspected
R - Remediated
RA - Remediated-Above
RB - Remediated-Below

Cleanup Site Details

SPOKANE COUNTY

SITE ID:	**RAY BROWNS TIRE CENTER**		Cleanup Site ID: 10183	FS ID: 68891858
	Alternate Name(s):	RAY BROWNS TIRE CENTER		

LOCATION:		WRIA: 54	Lat/Long:	47.697	-117.411	View Vicinity Map
Address:	4218 N DIVISION		Township	Range	Section	Legislative District: 3
	SPOKANE 99207		25N	43E	5	Congressional District: 5

STATUS:	**No Further Action Required**	Rank:	View Site Web Page	View Site Documents
	Responsible Unit: Eastern	Site Manager: Eastern Region	Statute: MTCA	
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?	
	NFA Received? Yes	NFA Date: 3/11/2013	NFA Reason: NFA-Initial Investigation	

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
9875	RAY BROWNS TIRE CENTER	Upland	Independent Action	No Further Action Required		

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
CleanupSite		Site Status Changed to NFA			3/11/2013			Ladwig, Doug
LUST	1986	LUST - Notification		1/9/1990	1/9/1990			
LUST	1986	LUST - NFA Determination II or SHA			3/11/2013			Ladwig, Doug

AFFECTED MEDIA & CONTAMINANTS:

Contaminant:	Media: Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Petroleum-Other			C			

Key:
B - Below Cleanup Level
C - Confirmed Above Cleanup Level
S - Suspected
R - Remediated
RA - Remediated-Above
RB - Remediated-Below

CleanupSiteDetails2014

SPOKANE COUNTY

SITE ID:	**SPOKANE FIRE DEPARTMENT STATION 10**	Cleanup Site ID: 7762	FS ID: 7772647
	Alternate Name(s): SPOKANE FIRE DEPARTMENT STATION 10, SPOKANE FIRE DISTRICT STATION 10		

LOCATION:		WRIA: 54	Lat/Long:	47.691	-117.411	View Vicinity Map
Address:	3608 N DIVISION		Township	Range	Section	Legislative District: 3
	SPOKANE 99207		25N	43E	5	Congressional District: 5

STATUS:	**No Further Action Required**	Rank:	View Site Web Page	View Site Documents
	Responsible Unit: Eastern	Site Manager: Eastern Region	Statute: MTCA	
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?	
	NFA Received? Yes	NFA Date: 2/1/2012	NFA Reason: NFA-Initial Investigation	

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
7454	SPOKANE FIRE DEPARTMENT STATION 10	Upland	Independent Action	No Further Action Required		

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
CleanupSite		Site Status Changed to NFA			2/1/2012			Ladwig, Doug
LUST	2671	LUST - Notification		2/10/1993	2/10/1993			
LUST	2671	LUST - Report Received		2/19/1993	2/19/1993			

AFFECTED MEDIA & CONTAMINANTS:

Media:

Contaminant:	Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Petroleum-Diesel			C			

Key:
B - Below Cleanup Level
C - Confirmed Above Cleanup Level
S - Suspected
R - Remediated
RA - Remediated-Above
RB - Remediated-Below

SITE ID:	**New Concepts Auto Service**	Cleanup Site ID: 6121	FS ID: 45929915
	Alternate Name(s):	GOODYEAR AUTO SERVICE 8949, GOODYEAR AUTO SERVICE CENTER 8949, GOODYEAR NEW CONCEPTS, NEW CONCEPTS, New Concepts Auto Service	

LOCATION:		WRIA: 54	Lat/Long: 47.698 -117.412		View Vicinity Map
Address:	4423 N DIVISION ST		Township	Range	Section	Legislative District: 3
	SPOKANE 99207		25N	43E	6	Congressional District: 5
STATUS:	**No Further Action Required**	Rank:	View Site Web Page		View Site Documents
	Responsible Unit: Eastern	Site Manager: Carter, Patti	Statute: MTCA		
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?		
	NFA Received? Yes	NFA Date: 3/26/1998	NFA Reason: NFA-Voluntary Cleanup Program Review		

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
6154	GOODYEAR AUTO SERVICE CENTER 8949	Upland	Voluntary Cleanup Program	No Further Action Required		

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
CleanupSite		Site Status Changed to NFA			3/26/1998			
LUST	4445	LUST - Notification		10/30/1997	10/30/1997			Boatsman, Michael
LUST	4445	LUST - Report Received		12/10/1996	12/11/1996			
VcpProject	EA0021	VCP Application	Completed	1/22/1998				
VcpProject	EA0021	VCP Termination	Completed		3/26/1998			
VcpProject	EA0021	VCP Opinion on Cleanup Action	Canceled					Carter, Patti

AFFECTED MEDIA & CONTAMINANTS:

Media:

Contaminant:	Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Petroleum-Other			C			

Key:
B - Below Cleanup Level
C - Confirmed Above Cleanup Level
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RA - Remediated-Above
RB - Remediated-Below

SITE ID:	SURE SAVE GROCERY		Cleanup Site ID: 6969	FS ID: 97671837
	Alternate Name(s):	MONROE SURE SAVE GROCERY, SURE SAVE GROCERY		

LOCATION:		WRIA: 54	Lat/Long:	47.686	-117.427	View Vicinity Map
Address:	3039 N MONROE ST		Township	Range	Section	Legislative District: 3
	SPOKANE 99205-0000		25N	43E	7	Congressional District: 5

STATUS:	No Further Action Required	Rank:	View Site Web Page	View Site Documents
	Responsible Unit: Eastern	Site Manager: Carter, Patti	Statute: MTCA	
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?	
	NFA Received? Yes	NFA Date: 10/27/2009	NFA Reason: NFA-Voluntary Cleanup Program Review	

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
6982	MONROE SURE SAVE GROCERY	Upland	Voluntary Cleanup Program	No Further Action Required		

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
CleanupSite		Site Status Changed to NFA			10/27/2009			
LUST	6366	LUST - Notification		4/18/2008	4/18/2008			Cocke, Jason
LUST	6366	LUST - Report Received		7/10/2008	7/29/2009			
VcpProject	EA0198	VCP Application	Completed	8/10/2009				
VcpProject	EA0198	VCP Termination	Completed		10/27/2009			
VcpProject	EA0198	VCP Opinion on Cleanup Action	Completed		10/27/2009			Carter, Patti

AFFECTED MEDIA & CONTAMINANTS:

	Media:					
Contaminant:	Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Petroleum-Gasoline			R			

Key:
B - Below Cleanup Level
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S - Suspected
R - Remediated
RA - Remediated-Above
RB - Remediated-Below

SPOKANE COUNTY

SITE ID:	**JRS TOWN PUMP CARWASH**	Cleanup Site ID: 10435	FS ID: 76139192
	Alternate Name(s): JRS TOWN PUMP CARWASH		

LOCATION:		WRIA: 54	Lat/Long:	47.683	-117.411	View Vicinity Map
Address:	2725 N DIVISION		Township	Range	Section	Legislative District: 3
	SPOKANE 99207		25N	43E	7	Congressional District: 5

STATUS:	**No Further Action Required**	Rank:	View Site Web Page	View Site Documents
	Responsible Unit: Eastern	Site Manager: Eastern Region	Statute: MTCA	
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?	
	NFA Received? Yes	NFA Date: 2/1/2012	NFA Reason: NFA-Initial Investigation	

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
10127	JRS TOWN PUMP CARWASH	Upland	Independent Action	No Further Action Required		

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
CleanupSite		Site Status Changed to NFA			2/1/2012			Ladwig, Doug
LUST	2443	LUST - Notification		11/24/1992	11/24/1992			
LUST	2443	LUST - Report Received		3/16/1993	3/16/1993			

AFFECTED MEDIA & CONTAMINANTS:

Media:

Contaminant:	Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Petroleum-Other			C			

Key:
B - Below Cleanup Level
C - Confirmed Above Cleanup Level
S - Suspected
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RA - Remediated-Above
RB - Remediated-Below

CleanupSiteDetails2014

SPOKANE COUNTY

SITE ID:	**NATIONAL MUSIC SERVICE CORP**	Cleanup Site ID: 11033	FS ID: 91568352
	Alternate Name(s): NATIONAL MUSIC SERVICE CORP, NATIONAL MUSIC SERVICE CORPORATION, National Music Service Inc		

LOCATION:		WRIA: 54	Lat/Long: 47.678	-117.408	View Vicinity Map
Address:	122 E MONTGOMERY AVE		Township	Range	Section	Legislative District: 3
	SPOKANE 99207		25N	43E	8	Congressional District: 5

STATUS:	**No Further Action Required**	Rank:	View Site Web Page	View Site Documents
	Responsible Unit: Eastern	Site Manager: Boatsman, Michael	Statute: MTCA	
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?	
	NFA Received? Yes	NFA Date: 3/22/2013	NFA Reason: NFA-Initial Investigation	

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
10725	NATIONAL MUSIC SERVICE CORP	Upland	Independent Action	No Further Action Required		

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
CleanupSite		Site Status Changed to NFA			3/22/2013			Boatsman, Michael
LUST	2201	LUST - Notification		11/20/1989	11/20/1989			
LUST	2201	LUST - NFA Determination II or SHA			3/22/2013			Boatsman, Michael
LUST	2201	LUST - Report Received		3/9/1990	3/9/1990			
LUST	2201	LUST - Report Received		2/1/1998	2/27/2013			
LUST	2201	LUST - Report Received		7/12/1990	7/12/1990			

AFFECTED MEDIA & CONTAMINANTS:

Contaminant:	Media: Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Petroleum-Other			C			

Key:
B - Below Cleanup Level
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RA - Remediated-Above
RB - Remediated-Below

SITE ID:	EDUCATIONAL SERVICE DISTRICT 101	Cleanup Site ID: 10620	FS ID: 81686643
	Alternate Name(s):	EDUCATIONAL SERVICE 101, EDUCATIONAL SERVICE DISTRICT 101	

LOCATION:		WRIA: 54	Lat/Long:	47.675	-117.428	View Vicinity Map
Address:	1025 W INDIANA		Township	Range	Section	Legislative District: 3
	SPOKANE 99205-4400		25N	43E	7	Congressional District: 5

STATUS:	No Further Action Required	Rank:	View Site Web Page	View Site Documents
	Responsible Unit: Eastern	Site Manager: Eastern Region	Statute: MTCA	
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?	
	NFA Received? Yes	NFA Date: 8/30/2011	NFA Reason: NFA-Initial Investigation	

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
10312	EDUCATIONAL SERVICE DISTRICT 101	Upland	Independent Action	No Further Action Required		

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
CleanupSite		Site Status Changed to NFA			8/30/2011			Ladwig, Doug
LUST	2141	LUST - Notification		9/25/1989	9/25/1989			
LUST	2141	LUST - Report Received		9/25/1989	9/25/1989			

AFFECTED MEDIA & CONTAMINANTS:

Contaminant:	Media: Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Petroleum-Other			C			

Key:
B - Below Cleanup Level
C - Confirmed Above Cleanup Level
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RA - Remediated-Above
RB - Remediated-Below

SITE ID:	MONROE QUIK STOP	Cleanup Site ID: 10473	FS ID: 77257143
	Alternate Name(s):	GULL QWIK STOP 1640, MONROE QUIK STOP, MONROE QWIK STOP, N MONROE GAS, QWIK STOP 1640	

LOCATION:		WRIA: 54	Lat/Long:	47.678	-117.428	View Vicinity Map
Address:	2202 N MONROE ST		Township	Range	Section	Legislative District: 3
	SPOKANE 99205		25N	43E	7	Congressional District: 5

STATUS:	No Further Action Required	Rank:	View Site Web Page	View Site Documents
	Responsible Unit: Eastern	Site Manager: Eastern Region	Statute: MTCA	
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?	
	NFA Received? Yes	NFA Date: 10/31/2007	NFA Reason: Historic LUST NFA	

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
10165	MONROE QUIK STOP	Upland	Independent Action	No Further Action Required		

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
CleanupSite		Site Status Changed to NFA			10/31/2007			
LUST	6263	LUST - Notification		1/4/2007	1/4/2007			Boatsman, Michael
LUST	6263	LUST - Report Received		2/23/2007	2/26/2007			

AFFECTED MEDIA & CONTAMINANTS:

Contaminant:	Media: Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Petroleum-Gasoline			C			

Key:
B - Below Cleanup Level
C - Confirmed Above Cleanup Level
S - Suspected
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RA - Remediated-Above
RB - Remediated-Below

Cleanup Site Details

SPOKANE COUNTY

SITE ID:	**NORTH CENTRAL CARE CENTER**	Cleanup Site ID: 10433	FS ID: 76137221
	Alternate Name(s): NORTH CENTRAL CARE CENTER		

LOCATION:		WRIA: 54	Lat/Long: 47.674	-117.421	View Vicinity Map
Address:	618 W NORA		Township	Range	Section	Legislative District: 3
	SPOKANE 99207-2449		25N	43E	7	Congressional District: 5

STATUS:	**No Further Action Required**	Rank:	View Site Web Page	View Site Documents
	Responsible Unit: Eastern	Site Manager: Boatsman, Michael	Statute: MTCA	
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?	
	NFA Received? Yes	NFA Date: 8/30/2011	NFA Reason: NFA-Initial Investigation	

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
10125	NORTH CENTRAL CARE CENTER	Upland	Independent Action	Reported Cleaned Up		

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
CleanupSite		Site Status Changed to NFA			8/30/2011			Boatsman, Michael
LUST	3378	LUST - Notification		4/12/1994	4/12/1994			
LUST	3378	LUST - NFA Determination II or SHA			8/23/2011			Boatsman, Michael
LUST	3378	LUST - Report Received		5/26/1994	5/26/1994			

AFFECTED MEDIA & CONTAMINANTS:

Contaminant:	Media: Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Petroleum-Other			C			

Key:
B - Below Cleanup Level
C - Confirmed Above Cleanup Level
S - Suspected
R - Remediated
RA - Remediated-Above
RB - Remediated-Below

Cleanup Site Details

SITE ID:	SOUTHLAND FACILITY 18395	Cleanup Site ID: 5923	FS ID: 34918382
	Alternate Name(s):	7 ELEVEN, 7 ELEVEN STORE 18395, 7 ELEVEN STORE 2301 18395D, 7-Eleven 2301-18395D, SOUTHLAND FACILITY 18395	

LOCATION:		WRIA: 54	Lat/Long:	47.675	-117.417	View Vicinity Map
Address:	323 W INDIANA AVE		Township	Range	Section	Legislative District: 3
	SPOKANE 99205		25N	43E	7	Congressional District: 5

STATUS:	No Further Action Required	Rank:	View Site Web Page	View Site Documents
	Responsible Unit: Eastern	Site Manager: Carter, Patti	Statute: MTCA	
	Is Brownfield?	Has Environmental Covenant?	Is PSI Site?	
	NFA Received? Yes	NFA Date: 4/19/1999	NFA Reason: NFA-Voluntary Cleanup Program Review	

ASSOCIATED CLEANUP UNIT(s)

cuID	Cleanup Unit Name	Unit Type	Process Type	Unit Status	Size (Acres)	ERTS ID
6421	7-ELEVEN 2301-18395D	Upland	Voluntary Cleanup Program	No Further Action Required		500816, E500816

SITE ACTIVITIES:

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date	End Date	Legal Mechanism	Performed By	Project Manager
CleanupSite		Initial Investigation / Federal Preliminary Assessment	Completed	2/9/1999	2/9/1999		Ecology	Charloe, Debbie
CleanupSite		Early Notice Letter(s)			2/9/1999			Charloe, Debbie
CleanupSite		Site Status Changed to NFA			4/19/1999			
LUST	5116	LUST - Notification		10/30/1998	10/30/1998			
LUST	5116	LUST - Report Received		11/30/1998	1/22/1999			
VcpProject	EA0028	VCP Application	Completed	1/22/1999				
VcpProject	EA0028	VCP Termination	Completed		4/19/1999			
VcpProject	EA0028	VCP Opinion on Cleanup Action	Canceled					Carter, Patti

AFFECTED MEDIA & CONTAMINANTS:

Contaminant:	Media: Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
Petroleum-Other			C			

Key:
B - Below Cleanup Level
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RA - Remediated-Above
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EPA REGION 10 ACTIVE LUST SITES ON INDIAN LANDS (as of 1/29/09)

	Facility ID	Facility Name	Address	City	State	Tribe	Confirmed Release	Cleanup Initiated
1	2100026	Plummer Quick Stop	Hwy. 195 & 5	Plummer	ID	Coeur D'Alene	2/5/95	
2	2400007	Clearwater Forest Industries	Hwy. 13 S., P.O. Box 340	Kooskia	ID	Nez Perce	7/29/96	
3	2400011	McCoy's Cash Grocery	301 Main St.	Kooskia	ID	Nez Perce	8/21/02	12/8/02
4	2400012	Ferdinand Service Station	Main St.	Ferdinand	ID	Nez Perce	3/26/08	3/26/08
5	2400039	Bovey Oil Craigmont Fuel Station	Division & Main Sts.	Craigmont	ID	Nez Perce	3/22/00	7/19/06
6	4020011	Inchellium Tribal Wood Treatment Plant	P.O. Box 286	Inchelium	WA	Colville	10/1/92	10/12/92
7	4080005	Former Makah AFS	Makah ARSR	Neah Bay	WA	Makah	1/30/04	
8	4080014	USCG Cape Flattery Lighthouse	Tatoosh Island	Neah Bay	WA	Makah	9/16/98	9/16/98
9	4090003	Circle K #1477 (now Muckleshoot Market & Deli)	2802 Auburn Way S.	Auburn	WA	Muckleshoot	6/5/03	9/18/03
10	4090004	FAA Seattle Air Route Traffic Control Center	3101 Auburn Way S.	Auburn	WA	Muckleshoot	4/13/07	4/13/07
11	4140001	USCG Station Quillayute River	End of LaPush Rd., P.O. Box 9	La Push	WA	Quilleute	7/8/99	7/8/99
12	4260010	Lindsey Lockers	5001 Evans Rd.	Wapato	WA	Yakama	11/13/95	9/1/96
13	4260038	Wapato Food Mart (Time Oil)	97831 Hwy. 97	Wapato	WA	Yakama	11/28/07	2/29/08
14	4260087	Smitty's Conoco	102 E. Toppenish Ave.	Toppenish	WA	Yakama	6/1/04	6/21/05
15	4260088	Toppenish Chevron #91785 (now Topp Stop Texaco)	321 S. Elm St.	Toppenish	WA	Yakama	9/10/91	9/10/91
16	4260105	Brand X (now Toppenish Shell)	401 W. Elm St.	Toppenish	WA	Yakama	5/31/91	3/1/95
17	4260108	Yesterday's Treasures	Wapato & Cambell Rd.	Wapato	WA	Yakama	4/21/91	3/31/92
18	4260117	BIA Branch of Roads	Allottment 3635, Island Rd.	Toppenish	WA	Yakama	3/10/95	3/10/95
19	4260118	Yakama Nation Landfill / Transfer Station	4500 Pumphouse Rd.	Toppenish	WA	Yakama	2/28/96	2/28/96
20	4260120	Inland Fruit and Produce	300 N. Frontage Rd.	Wapato	WA	Yakama	12/8/98	12/8/98
21	4260125	Yakima Hops - Boyville	W. Monroe & Sunnyside-Mabton Rd.	Mabton	WA	Yakama	2/5/04	11/2/04
22	4260126	Toppenish Auto Corral	408 W. 1st Ave.	Toppenish	WA	Yakama	12/12/06	
23	4260128	Signal Peak Ranger Station	BIA Road 140	White Swan	WA	Yakama	10/17/06	9/29/08

EPA Region 10 Indian Lands Closed LUST Sites (as of 1/28/09)

	Facility ID	Facility Name	Address	City	State	Tribe	Confirmed Release	Cleanup Initiated	Cleanup Completed
1	1100002	Metlakatla Police Station	8th Ave.	Annette Island	AK	Metlakatla	8/27/03	8/27/03	3/31/05
2	1100003	Varsity Service Station	Atkinson St.	Annette Island	AK	Metlakatla	8/27/03	8/27/03	3/31/05
3	1100005	BIA Road Shop	S. side of Hatchery Rd. at Airport Rd.	Annette Island	AK	Metlakatla	6/15/99	6/15/99	8/2/05
4	2100019	Idaho Dept. of Lands	1806 Main Ave.	Saint Maries	ID	Coeur D'Alene	5/1/93	5/1/93	11/12/97
5	2100028	St. Maries Oil	2242 Idaho Ave.	St. Maries	ID	Coeur D'Alene	2/7/94	2/13/95	7/12/07
6	2100029	Mullan Trail Service	1500 Main Ave.	St. Maries	ID	Coeur D'Alene	12/1/93	3/20/94	11/25/96
7	2100031	Tensed Service Station	231 Hwy. 95	Plummer	ID	Coeur D'Alene	12/21/94	5/3/95	6/15/05
8	2100033	Rockford Bay Marina	8700 W. Rockford Bay Rd.	Coeur D'Alene	ID	Coeur D'Alene	4/1/01	4/1/01	3/29/05
9	2100034	Fighting Creek Trading Post	16555 U.S. Hwy. 95 S	Coeur D'Alene	ID	Coeur D'Alene	3/1/93	3/1/93	10/29/08
10	2100036	Worley Highway District	W. 9720 B St.	Worley	ID	Coeur D'Alene	5/11/94	5/11/94	10/20/97
11	2100040	BIA - Coeur d'Alene	Rt. 1	Plummer	ID	Coeur D'Alene	4/1/97	4/1/97	9/7/97
12	2100041	BIA Roads Dept. - Road Shop	850 A St.	Plummer	ID	Coeur D'Alene	9/8/98	9/8/98	9/28/06
13	2100042	Old Cenex (Co-op Supply)	9825 F St.	Worley	ID	Coeur D'Alene	5/17/00	5/17/00	12/24/02
14	2100045	City Service Valcon	Hwy 95, MP 382	Tensed	ID	Coeur D'Alene	5/24/05	5/24/05	11/15/06
15	2200004	Stop 'n Shop	91 Old Hwy.	Pocatello	ID	Shoshone-Bannock	3/9/92	5/19/99	9/9/02
16	2200005	BIA Fort Hall Agency, Fort Hall Irrigation		Fort Hall	ID	Shoshone-Bannock	5/23/91	10/25/00	6/24/04
17	2200010	Trading Post Gas (formerly Tee Pee)	I-15, Exit 80	Fort Hall	ID	Shoshone-Bannock	11/9/02	11/9/02	1/6/03
18	2200013	FMC, Inc. - Pocatello	Rt. 30 W of Pocatello, P.O. Box 4111	Pocatello	ID	Shashone-Bannock	7/25/07	8/13/06	10/27/08
19	2200015	National Car Rental	20369 Terminal Way #10, Pocatello Municipal Airport	Pocatello	ID	Shoshone-Bannock	2/18/92	3/4/93	11/5/96
20	2200017	Union Pacific Railroad - Fort Hall	Milepost 146.0	Fort Hall	ID	Shoshone-Bannock	8/17/89	9/29/90	3/16/93
21	2200021	Cedar Farms Rio Vista Road	Rio Vista Rd. & Calico Rd.	Fort Hall	ID	Shoshone-Bannock	5/14/98	9/30/98	3/14/00
22	2200023	Avcenter, Inc.	1483 Flightline	Pocatello	ID	Shoshone-Bannock	11/5/05	11/7/05	5/31/07
23	2200038	BIA Fort Hall Agency, Branch of Roads	P.O. Box 220, Fort Hall Agency Campus	Fort Hall	ID	Shoshone-Bannock	2/8/94	2/8/94	3/14/00
24	2200043	Cedar Farms Broncho Road Shop (Murdock Shop)	Hwy. 91 & Broncho Rd.	Fort Hall	ID	Shoshone-Bannock	11/19/98	12/8/99	3/16/00
25	2200045	Harmon Farms	Rt. 2 North Box 66D at Philbin and Cedar Rds.	Pocatello	ID	Shoshone-Bannock	3/25/03	3/26/03	11/27/07
26	2400005	Nezperce Rochdale	S. Pine Industrial Area	Nezperce	ID	Nez Perce	7/22/98	11/18/03	4/25/06
27	2400006	Clearwater County Road Dept.	CPRR Grounds, P.O. Box 812	Orofino	ID	Nez Perce	7/8/94	7/8/94	10/20/97
28	2400009	Tom Cat & Frank's Sporting Goods Store	618 East Business Alt. Hwy. 12 (Broadway Ave.)	Kooskia	ID	Nez Perce	6/21/99	6/21/99	10/3/02
29	2400010	Sunset Mart #9	101 S. Main St.	Kooskia	ID	Nez Perce	5/6/93	8/1/93	11/28/97
30	2400017	Jack's Pit Stop	519 Oak St.	Nezperce	ID	Nez Perce	5/6/93	5/6/93	5/6/93
31	2400018	8th Over Truck Stop	114 N. Main St.	Kooskia	ID	Nez Perce	12/1/92	1/1/01	4/25/06
32	2400023	Central Highway District	501 Boulevard	Craigmont	ID	Nez Perce	12/1/93	12/1/93	1/6/98
33	2400033	Dworshak National Fish Hatchery	P.O. Box 48	Ahsahka	ID	Nez Perce	10/1/98	10/1/98	9/10/02
34	2400047	Henderson Fuel Stop, Inc.	7450 N & S Hwy.	Lewiston	ID	Nez Perce	5/6/93	5/6/93	5/6/93
35	2400051	Pit Stop	Hwy. 12 & 3rd St.	Kamiah	ID	Nez Perce	12/20/99	12/20/99	5/28/04
36	2400058	#21600 Orofino MTCE Yard	Hwy. 12, 1 Mi. W Orofino, Box 187	Orofino	ID	Nez Perce	10/23/97	10/23/97	10/23/97
37	2400060	Orofino Chevron	180 Michigan Ave.	Orofino	ID	Nez Perce	9/14/93	9/14/93	3/12/96
38	2400070	Tom's Sinclair	321 Main St.	Stites	ID	Nez Perce	4/18/94	3/31/00	5/25/06
39	2400072	Sunset Mart #8	11530 Hwy. 12	Orofino	ID	Nez Perce	11/6/89	2/18/00	4/3/00

EPA Region 10 Indian Lands Closed LUST Sites (as of 1/28/09)

	Facility ID	Facility Name	Address	City	State	Tribe	Confirmed Release	Cleanup Initiated	Cleanup Completed
40	2400073	Sunset Mart #3	125 Michigan Ave.	Orofino	ID	Nez Perce	8/23/90	9/14/90	12/4/02
41	2400077	Nez Perce County Road Dept.	118 Alder	Lapwai	ID	Nez Perce	11/7/91	11/7/91	12/20/07
42	2400078	Idaho Department of Lands	10230 Hwy. 12	Orofino	ID	Nez Perce	8/8/93	8/8/93	11/26/97
43	2400088	Three Rivers Timber, Inc.	Woodland Rd.	Kamiah	ID	Nez Perce	5/1/94	7/13/94	1/5/00
44	2400090	Idaho Department of Lands	14 E. Lorahama	Craigmont	ID	Nez Perce	5/17/93	5/27/93	12/1/93
45	2400091	Idaho Dept. of Lands	U.S. Hwy. 12	Kamiah	ID	Nez Perce	8/7/90	8/7/90	4/25/06
46	2400098	Barney's Super Market	13030 Hwy. 12	Orofino	ID	Nez Perce	7/1/99	7/1/99	9/13/02
47	2400100	Idaho Transport. Dept. - Craigmont	State Hwy. 62, MP 0	Craigmont	ID	Nez Perce	8/25/93	8/25/93	9/10/96
48	2400101	Dean Jurgens	Thorn Spring Rd.	Lewiston	ID	Nez Perce	2/1/93	2/1/93	3/12/96
49	2400108	Valley View Station	Rt. 1, Hwy. 12	Kamiah	ID	Nez Perce	2/9/99	2/9/99	9/13/02
50	2400111	Orofino Central Office	217 Michigan St.	Orofino	ID	Nez Perce	7/28/98	7/28/98	9/21/01
51	2400112	Jerry Martin	Rt. 1, Box 551	Kooskia	ID	Nez Perce	7/1/01	7/1/01	10/3/02
52	2400117	Al Ralstin Farm	2059 Younger Road	Nezperce	ID	Nez Perce	10/11/03	10/16/03	9/28/06
53	2400119	Valley Aviation	320 130th St.	Orofino	ID	Nez Perce	5/5/05	5/5/05	7/9/07
54	3300001	Seven Feathers Truck & Travel Center	130 Creekside Dr.	Canyonville	OR	Cow Creek	2/12/02	2/13/02	3/10/03
55	3600001	Arrowhead Truck Plaza	72485 Hwy. 331	Pendleton	OR	Umatilla	6/10/99	3/1/01	1/8/03
56	3600010	Mission Market	Mission Rd. & Hwy. 331	Pendleton	OR	Umatilla	4/9/99	7/15/99	8/9/99
57	3600013	Fowler Ranch	727 Fowler Lane	Pendleton	OR	Umatilla	12/30/05	1/3/06	2/14/06
58	3600014	Bonbright Truck Shop	72567 Hwy. 331	Pendleton	OR	Umatilla	11/17/07	11/19/07	2/21/08
59	3700002	DMJ Automotive	2204 Hollywood Blvd.	Warm Springs	OR	Warm Springs	4/26/88	5/27/88	2/13/97
60	3700003	Warm Springs Forest Products, Inc.	Hwy. 26	Warm Springs	OR	Warm Springs	7/11/90	8/18/90	10/17/90
61	3700004	Warm Springs Elementary	1114 Wasco St.	Warm Springs	OR	Warm Springs	6/26/91	6/26/91	7/22/94
62	3700008	Former BIA Roads Dept.	N Hollywood St.	Warm Springs	OR	Warm Springs	10/18/89	10/19/89	10/19/89
63	3700013	Macy's Market	P.O. Box 490	Warm Springs	OR	Warm Springs	5/25/93	7/14/93	7/22/93
64	4020002	Colville Tribal Logging	School Loop Rd.	Nespelem	WA	Colville	11/16/93	4/24/94	10/27/97
65	4020005	BIA Branch of Forestry (Mitchell Point)	Silver Creek Rd.	Inchelium	WA	Colville	10/28/97	10/28/97	10/28/97
66	4020006	BIA Branch of Forestry (Inchelium)	Hall Creek Rd., 3 Mi. N. of Incheliu	Inchelium	WA	Colville	5/12/93	5/24/93	10/28/97
67	4020008	BIA Branch of Roads (Agency Campus)	Agency Campus	Nespelem	WA	Colville	11/16/93	11/16/93	7/20/98
68	4020009	BIA Branch of Roads (Keller)	State Hwy. 21	Keller	WA	Colville	2/10/94	11/1/94	10/28/97
69	4020014	Whitelaw Logging	11th & E St.	Nespelem	WA	Colville	6/9/94	6/9/94	10/19/94
70	4020026	Reservation Orchard Shop	590 Jack Wells Rd.	Bridgeport	WA	Colville	6/24/91	3/21/95	1/26/00
71	4020030	Jackpot Station #084 (Exxon Food Mart)	414 Hanford St., P.O. Box 3809	Omak	WA	Colville	10/2/96	10/2/96	1/26/00
72	4020032	Grand Coulee Dam School District	901 River Dr.	Coulee Dam	WA	Colville	3/18/93	6/22/94	1/20/97
73	4020033	Coulee Express	200 Roosevelt Way	Coulee Dam	WA	Colville	9/17/92	9/28/92	5/1/94
74	4020034	Rainbow Beach Resort	HC1 Box 146 N Twin Lake	Inchelium	WA	Colville	11/16/93	1/18/94	10/28/97
75	4020044	Apple Processing & Cold Storage	Columbia St. btwn. 2nd & 3rd	Omak	WA	Colville	4/1/90	1/24/92	1/24/92
76	4020058	Okanogan County Dept. of Public Works	269 Railroad Ave.	Okanogan	WA	Colville	5/16/94	5/16/94	7/26/01
77	4070002	Lummi Indian Business Council	2616 Kwina Rd.	Bellingham	WA	Lummi	12/12/96	12/12/96	12/3/02
78	4070003	Fishermans Cove, Inc.	2557 Lummi View Dr.	Bellingham	WA	Lummi	7/24/95	7/24/95	9/25/01
79	4070006	Fisherman's Cove Mini Mart	2557 Lummi View Dr.	Bellingham	WA	Lummi	6/5/08	6/6/08	10/23/08
80	4080009	USCG - Neah Bay	USCG Station Neah Bay	Neah Bay	WA	Makah	4/20/93	4/20/93	9/21/98
81	4080011	Thunderbird Resort	13321 Bayview Ave.	Neah Bay	WA	Makah	1/24/01	2/13/01	8/10/01
82	4080012	Makah National Fish Hatchery	Fish Hatchery Rd.	Neah Bay	WA	Makah	9/2/93	9/3/93	8/6/96
83	4090002	ARCO Facility #6093	2790 Auburn Way S.	Auburn	WA	Muckleshoot	1/29/90	1/29/90	11/30/94
84	4090003	Circle K #1477 (Muckleshoot Market & Deli)	2802 Auburn Way S.	Auburn	WA	Muckleshoot	3/13/90	3/15/90	5/12/94
85	4090003	Circle K #1477 (Muckleshoot Market & Deli)	2802 Auburn Way S.	Auburn	WA	Muckleshoot	1/23/95	1/23/95	7/7/95

EPA Region 10 Indian Lands Closed LUST Sites (as of 1/28/09)

	Facility ID	Facility Name	Address	City	State	Tribe	Confirmed Release	Cleanup Initiated	Cleanup Completed
86	4090004	FAA - Seattle Air Route Traffic Control Center	3101 Auburn Way S.	Auburn	WA	Muckleshoot	10/29/92	10/29/92	3/24/93
87	4090006	Coal Creek Pump Station	2108 Howard Rd.	Auburn	WA	Muckleshoot	10/13/98	10/13/98	7/29/02
88	4110001	Nooksack River Chevron (Nooksack Market Centre	5047 Mt. Baker Hwy.	Deming	WA	Nooksack	9/8/92	1/15/93	6/26/01
89	4120001	Klallam Smoke Shop	7950 Little Boston Rd. NE	Kingston	WA	Port Gamble S'Klallam	12/1/98	12/1/98	12/1/98
90	4120001	Gliding Eagle Market Place	7950 Little Boston Rd. NE	Kingston	WA	Port Gamble S'Klallam	7/15/03	7/15/03	10/21/03
91	4150004	BIA Cook Creek Roads Shop	Mile 4 MOCLIPS - Olympic Hwy.	Neilton	WA	Quinault	10/6/93	10/6/93	12/22/99
92	4150009	U.S.Fish & Wildlife Service	Quinault National Fish Hatchery	Humptulips	WA	Quinault	11/1/91	5/19/92	10/30/97
93	4150018	WDOT - Amanda Park Maintenance Site	Hwy. 101, MP 128.2, West Side	Amanda Park	WA	Quinault	5/9/95	5/9/95	10/20/97
94	4180001	Hood Canal School District #404	N. 111 Hwy. 106	Shelton	WA	Skokomish	8/24/90	8/24/90	9/21/98
95	4180001	Hood Canal School District #404	N. 111 Hwy. 106	Shelton	WA	Skokomish	4/4/06	4/4/06	10/30/06
96	4180004	Potlatch Jackpot	N. 19300 Hwy. 101	Shelton	WA	Skokomish	3/31/92	8/10/92	2/7/00
97	4190003	Western Nuclear, Inc.	Sherwood Project	Wellpinit	WA	Spokane	9/17/91	9/20/93	1/20/99
98	4190004	BIA Fire Management Control Center	Fire Management Complex	Wellpinit	WA	Spokane	7/1/91	4/12/94	3/20/98
99	4190005	BIA Spokane Agency Roads Dept.	Bldg. 1014	Wellpinit	WA	Spokane	5/1/90	10/15/93	3/20/98
100	4190006	Speelya Fast Stop	6144 Ford Wellpinit Rd.	Wellpinit	WA	Spokane	5/21/93	5/21/93	4/29/98
101	4200001	Squaxin Tribe - Motor Pool	W 81 Hwy. 108	Shelton	WA	Squaxin Island	4/10/95	4/10/95	2/3/99
102	4220004	Masi Shop	16281 Hwy. 305	Suquamish	WA	Suquamish	3/29/91	3/29/91	6/8/00
103	4240003	Boeing Test Site (first release)	11224 344th NE	Marysville	WA	Tulalip	11/2/90	11/2/90	1/15/92
104	4240003	Boeing Test Site (second release)	11224 344th St. NE	Marysville	WA	Tulalip	10/21/98	10/21/98	9/23/04
105	4240008	Easterbrooks Unocal (Marine Drive 76)	3323 Marine Dr. NE	Marysville	WA	Tulalip	2/16/96	2/16/96	10/20/97
106	4240008	Marine Drive 76	3323 Marine Dr. NE	Marysville	WA	Tulalip	9/19/05	11/1/05	10/23/08
107	4240009	Tulalip Marina	7411 Tulalip Bay Dr.	Marysville	WA	Tulalip	1/11/00	1/11/00	1/18/00
108	4240013	Texaco Refining & Marketing, Inc.	3320 62nd St. NE	Marysville	WA	Tulalip	6/25/92	6/25/92	6/25/92
109	4260001	Kiles Corner	2421 W. Wapato Rd.	Wapato	WA	Yakama	5/6/93	5/6/93	7/21/03
110	4260003	Sanofi Bio-Industries (Pace International LP)	5661 Branch Rd.	Wapato	WA	Yakama	6/1/91	1/1/95	1/17/03
111	4260004	Latum Creek Ranches, Inc.	320 Stephenson Rd.	Wapato	WA	Yakama	4/13/95	4/13/95	10/20/97
112	4260008	Fort Simcoe Job Center	40 Abella Ln.	White Swan	WA	Yakama	9/17/91	9/17/91	9/15/97
113	4260009	Serv Um Self	610 W. First Ave.	Toppenish	WA	Yakama	12/20/91	3/8/99	1/20/06
114	4260009	Serv Um Self (second release)	610 W. First Ave.	Toppenish	WA	Yakama	11/16/06	11/16/06	5/31/07
115	4260011	L.O. Gannon & Sons	Hwy. 22 and Boundary Rd.	Mabton	WA	Yakama	11/28/90	11/28/90	8/1/91
116	4260015	Toppenish Public Works Shops	21 W 1st Ave. N	Toppenish	WA	Yakama	4/5/94	4/5/94	4/29/98
117	4260024	General Store	505 W. First Ave.	Toppenish	WA	Yakama	7/15/92	7/15/92	9/23/04
118	4260039	Intervalley Hardware	3 Fort Rd.	Toppenish	WA	Yakama	6/12/92	5/27/93	7/31/97
119	4260040	Jackpot Grocery & Deli (Time Oil Co. #01-063)	618 E. Toppenish Ave.	Toppenish	WA	Yakama	10/31/01	2/19/02	2/14/06
120	4260045	White Swan Trading Post	180 Birch Ave.	White Swan	WA	Yakama	3/1/94	3/1/94	5/5/02
121	4260046	Yakima Co. Public Works - Branch Pit	Branch Rd.	Wapato	WA	Yakama	1/16/90	1/16/90	3/1/90
122	4260052	Old Husky Station (Top Mart Chevron)	907 W 1st Ave.	Toppenish	WA	Yakama	2/14/97	8/14/97	10/23/97
123	4260060	Toppenish Bus Garage	405 Asotin Ave.	Toppenish	WA	Yakama	10/9/90	10/9/90	2/1/08
124	4260061	Green Valley Implement Co.	61581 Hwy. 97	Toppenish	WA	Yakama	12/5/94	12/5/94	5/5/03
125	4260063	PureGro Co. DBA Brea AG Service	310 1/2 Washington Ave.	Toppenish	WA	Yakama	6/25/91	6/25/91	10/20/97
126	4260064	Jack S. Thorington	3280 S. McKinley Rd.	Toppenish	WA	Yakama	6/3/93	6/3/93	11/6/01
127	4260067	Mt. Adams School District #209	621 Signal Peak Rd.	White Swan	WA	Yakama	2/5/93	2/5/93	11/3/93
128	4260068	Harrah Elementary School	3851 Harrah Rd.	Harrah	WA	Yakama	3/7/90	3/7/90	11/22/93
129	4260073	AT&T Ahtanum Microwave Relay Station	Ahtanum Ridge S of Wiley Rd.	Yakima	WA	Yakama	8/18/93	8/18/93	8/15/96
130	4260080	BIA Wapato Irrigation Project	413 South Camas Ave.	Wapato	WA	Yakama	10/17/00	10/17/01	3/29/02

EPA Region 10 Indian Lands Closed LUST Sites (as of 1/28/09)

	Facility ID	Facility Name	Address	City	State	Tribe	Confirmed Release	Cleanup Initiated	Cleanup Completed
131	4260082	Yakama Nation Transportation Program - White Swan Road Shop	381 Elm Ave.	White Swan	WA	Yakama	8/19/97	8/19/97	11/15/06
132	4260085	Roadrunner Deli Mart	705 W 1st	Wapato	WA	Yakama	3/12/96	3/19/96	2/14/97
133	4260086	Old Riley Kelly Oil Station (Pacific Pride / Road Runner)	61313 Hwy. 97 S.	Toppenish	WA	Yakama	8/16/94	8/16/94	11/6/01
134	4260089	Mike's Automotive	291 Curtis St.	White Swan	WA	Yakama	8/30/01	3/20/02	5/5/03
135	4260093	Alamo Service	202 W 1st St.	Wapato	WA	Yakama	6/4/92	6/4/92	4/16/93
136	4260094	7-11 #25128 (formerly Southland)	611 W. First Ave.	Toppenish	WA	Yakama	10/8/98	7/23/02	7/23/02
137	4260096	Yakama Indian Nation Fisheries Bldg.	2 Buena Way	Toppenish	WA	Yakama	3/22/91	3/22/91	4/1/91
138	4260101	Antique Station	111 Fort Rd.	Toppenish	WA	Yakama	1/27/92	2/13/93	4/17/07
139	4260102	Wapato School District Bus Garage	S. Wasco & Forth Ave.	Wapato	WA	Yakama	8/7/98	8/10/98	1/17/03
140	4260103	WA State Military Dept. (Toppenish Armory)	326 Division St.	Toppenish	WA	Yakama	5/20/92	5/20/92	5/15/96
141	4260106	Klickitat County Shop	E Main & NW Division St.	Glenwood	WA	Yakama	9/17/91	9/17/91	5/25/93
142	4260107	WA Dept. of Natural Resources	Corner of Court & N 2nd St.	Glenwood	WA	Yakama	9/25/92	9/25/92	11/4/97
143	4260111	Wapato Fruit & Cold Storage Co., Inc.	4440 Track Rd.	Wapato	WA	Yakama	8/14/91	8/14/91	10/20/97
144	4260112	WADOT Toppenish Maintenance Shed	231 Fort Rd.	Toppenish	WA	Yakama	9/6/90	10/12/90	10/9/03
145	4260114	Logan Feed, Inc.	N. Wasco Ave. & Sitcum Ave.	Wapato	WA	Yakama	4/14/93	6/4/93	5/23/97
146	4260116	Wapato Shell Station	631 W. 1st St.	Wapato	WA	Yakama	2/22/95	2/22/95	11/6/01
147	4260122	Yakima Valley Farm Workers Clinic	601 W. 1st Ave.	Toppenish	WA	Yakama	3/31/97	3/31/97	4/29/98
148	4260124	Kanzler Farm	2581 Harrah Rd.	Harrah	WA	Yakama	11/2/93	8/10/94	2/27/95

EPA Region 10 Report: List of Regulated Handlers, Sorted By Location Zip Code and Handler Name

State of Washington

Number of regulated handlers: 2866

Zip code: 99168 Number of regulated handlers: 1

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Zip code: 99201 Number of regulated handlers: 8

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
BARTON COLLISION CENTER	WAH000013425	119 S JEFFERSON	SPOKANE	no	CEG	no	no
COSCO MARKING INC	WA0000100297	215 W 2ND AVE	SPOKANE	no	CEG	no	no
COWLES PUBLISHING CO SPOKANE	WAD009066879	N 50 MADISON	SPOKANE	no	CEG	no	no
S & S ENGINE REMANUFACTURING	WAD029131125	1023 N MONROE ST	SPOKANE	no	CEG	no	no
SATURN OF SPOKANE 1002	WAD027496983	1002 W 2ND AVE	SPOKANE	no	CEG	no	no
SHERWIN WILLIAMS SPOKANE	WAD001718972	W 420 BOONE AVE	SPOKANE	no	SQG	no	no
SPOKANE CITY NORMANDIE	WAD988484325	N 1410 NORMANDIE	SPOKANE	no	CEG	no	no
SPOKANE TRANSIT AUTHORITY	WAD981763733	1229 W BOONE AVE	SPOKANE	no	CEG	no	no

Zip code: 99202 Number of regulated handlers: 32

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
ATLAS MINE & MILL SUPPLY INC	WAR000011502	1115 N HAVANA ST	SPOKANE	no	CEG	no	no
BECKER BUICK BODY SHOP	WAD981772056	634 E 1ST AVE	SPOKANE	no	CEG	no	no
BURLINGAME STEEL INC	WAD000031264	4240 E ALKI AVE	SPOKANE	no	SQG	no	no
EVERGREEN PHARMACEUTICAL LLC	WAH000037470	350 E 3RD AVE	SPOKANE	no	CEG	no	no
EWU RIVER POINT DENTAL HYGIENE	WAH000030608	HSB 160 310 N RIVER POINT BLVD	SPOKANE	no	CEG	no	no
FEDEX EXPRESS GEGA	WAD988474730	515 N HAVANA ST	SPOKANE	no	CEG	no	no
FEDEX FREIGHT INC SPOKANE	WAD988484499	4220 E BROADWAY AVE	SPOKANE	no	SQG	no	no
FLEET PAINTING	WAD102864188	3105 E ALKI	SPOKANE	no	SQG	no	no
FLUID DESIGN PRODUCTS INC	WAH000024987	3511 E RIVERSIDE	SPOKANE	no	CEG	no	no
GARCO CONSTRUCTION INC	WAR000004887	4114 E BROADWAY AVE	SPOKANE	no	CEG	no	no
GREAT NORTHERN SPOKANE LLC	WAH000036058	802 E SPOKANE FALLS BLVD	SPOKANE	no	SQG	no	no
KMART 4147	WAD988497996	4110 E SPRAGUE AVE	SPOKANE	no	CEG	no	no
MARKET EQUIPMENT CO INC	WAD027511484	1114 N RUBY	SPOKANE	no	CEG	no	no
MILLER PAINT CO INC SPOKANE 3RD ST	WAH000037946	7 E 3RD ST	SPOKANE	no	CEG	no	no
NEWMAX INC DBA METALITE INDUSTRIES	WAH000043126	4102 E BOONE AVE	SPOKANE	no	LQG	no	no
OIL ANALYSIS LAB	WAD988491031	1514 E SPRAGUE AVE	SPOKANE	no	SQG	no	no
OIL ANALYSIS LAB INC	WAH000037385	2121 E RIVERSIDE AVE	SPOKANE	no	SQG	no	no
OIL ANALYSIS LAB INC LEE ST N	WAH000038286	N 121 LEE ST	SPOKANE	no	CEG	no	no
PEPSI BOTTLING GROUP SPOKANE	WAH000036008	19 N RALPH AVE	SPOKANE	no	CEG	no	no
PRECISION FRAME & COLLISION	WAD027497379	1827 E TRENT AVE	SPOKANE	no	CEG	no	no
QWEST CORPORATION W00191	WAR000009209	E 1020 CATALDO	SPOKANE	no	CEG	no	no
RIVER CITY BODY & PAINT	WA0000073056	34 E MAIN AVE	SPOKANE	no	CEG	no	no
S&S ADVANCED METAL TECHNOLOGIES LLC	WAH000037303	3200 E TRENT AVE BLDG 1 STE A	SPOKANE	no	LQG	no	no
SCOLLARDS CLEANERS HATCH ST	WAR000000331	S 223 HATCH ST	SPOKANE	no	SQG	no	no
SHERWIN WILLIAMS 8258	WAH000035806	3200 E TRENT AVE BLDG 2S	SPOKANE	no	CEG	no	no
SHERWIN WILLIAMS AUTOMOTIVE	WAD988468823	E 3625 SPRINGFIELD	SPOKANE	no	CEG	no	no
SPOKANE METAL FINISHING	WA0000113803	1519 E TRENT AVE	SPOKANE	no	CEG	no	no

generator type designators

LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

EPA Region 10 Report: List of Regulated Handlers, Sorted By Location Zip Code and Handler Name

State of Washington

Number of regulated handlers: 2866

Zip code: 99202 — **Number of regulated handlers: 32**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
TRIPLE PLATE CHROME	WAH000011528	2302 TRENT AVE	SPOKANE	no	LQG	no	no
U SAVE CLEANERS	WAH000007849	918 N DIVISION	SPOKANE	no	SQG	no	no
WA WSU INSITUTE OF SHOCK PHYSICS	WAH000031444	120 N PINE	SPOKANE	no	CEG	no	no
WA WSU SPOKANE RIVERPOINT CAMPUS	WAH000010553	668 N RIVERPOINT BLVD	SPOKANE	no	CEG	no	no
DOWNTOWN AUTOMOTIVE SPECIALIST	WAD988507927	430 E SPRAGUE AVE	SPOKANE	no	none	no	yes

Zip code: 99203 — **Number of regulated handlers: 3**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
ALBERTSONS 240	WAH000032642	E 510 37TH AVE	SPOKANE	no	CEG	no	no
DIVINE CORP 38TH 02	WAD988506416	3725 S GRAND BLVD	SPOKANE	no	CEG	no	no
RITE AID #5303	WAH000040122	810 E 29TH AVE	SPOKANE	no	CEG	no	no

Zip code: 99204 — **Number of regulated handlers: 8**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
DEACONESS HOSPITAL	WAD153812797	800 W 5TH AVE	SPOKANE	no	CEG	no	no
DIVINE CORP 3RD 23	WAD988506440	W 203 3RD AVE	SPOKANE	no	CEG	no	no
PATHOLOGY ASSOC MEDICAL LABORATORIES	WAH000010561	44 W 6TH AVE	SPOKANE	no	SQG	no	no
PATHOLOGY ASSOCIATES MEDICAL LABORATORIE	WAD088721477	110 W CLIFF DR	SPOKANE	no	SQG	no	no
SACRED HEART MEDICAL CENTER	WAD067545798	101 W 8TH AVE	SPOKANE	no	SQG	no	no
SHRINERS HOSPITALS FOR CHILDREN	WAH000035897	911 W 5TH AVE	SPOKANE	no	CEG	no	no
SPOKANE INTERNATIONAL AIRPORT	WAD058614496	8008 W AVIATION AVE	SPOKANE	no	SQG	no	no
TRIUMPH COMPOSITE SYSTEMS INC	WAD982657900	1514 S FLINT RD	SPOKANE	no	LQG	no	no

Zip code: 99205 — **Number of regulated handlers: 5**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
CUSTOM BODY CO	WAD027501162	3104 N MONROE ST	SPOKANE	no	CEG	no	no
RITE AID #5304	WAH000040138	2215 A W WELLESLEY AVE	SPOKANE	no	CEG	no	no
SPOKANE CITY ADV WASTEWATER TREATMENT	WAD000875450	4401 N AUBREY L WHITE PKWY	SPOKANE	no	SQG	no	no
US VETERANS AFFAIRS DEPT MEDICAL CENTER	WA5360000090	4815 N ASSEMBLY ST	SPOKANE	no	CEG	no	no
WAL MART 2865	WAH000011098	2301 W WELLESLEY AVE	SPOKANE	no	SQG	no	no

Zip code: 99206 — **Number of regulated handlers: 17**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
ALBERTSONS 0258	WAH000025114	13606 E 32ND AVE	SPOKANE	no	LQG	no	no
ANA LABORATORIES	WAD981761638	9922 E MONTGOMERY UNIT 10	SPOKANE	no	SQG	no	no
APPLEWAY GROUP BODY SHOP	WAD981768286	E 10000 1/2 SPRAGUE	SPOKANE	no	none	no	no
AW CHESTERTON SPOKANE DIST SITE	WAR000005363	9514 E MONTGOMERY BAY 29	SPOKANE	no	CEG	no	no
CAREFUL CLEANERS	WAD118969633	1014 N PINES RD	SPOKANE	no	CEG	no	no
CITY EAST AUTO BODY CTR	WAD981768112	2512 N WOODRUFF RD	SPOKANE	no	CEG	no	no
CONOCOPHILLIPS CO PARKWATER TERMINAL	WAD000801001	6317 E SHARP AVE	SPOKANE	no	LQG	no	no

generator type designators

LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

EPA Region 10 Report: List of Regulated Handlers, Sorted By Location Zip Code and Handler Name

State of Washington

Number of regulated handlers: 2866

Zip code: 99206 — **Number of regulated handlers: 17**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
DIVINE CORP PINES 10	WAD988506408	N 1520 PINES	SPOKANE	no	CEG	no	no
MACKAY MANUFACTURING INC	WAR000008706	10011 E MONTGOMERY AVE	SPOKANE	no	CEG	no	no
NOVATION INC	WAD988493722	2616 N LOCUST RD	SPOKANE	no	LQG	no	no
OIL RE REFINING COMPANY INC SPOKANE	WAH000011585	11916 EMPIRE AVE	SPOKANE	no	none	no	yes
OPPORTUNITY BODY SHOP INC	WAD982657140	106 N BOWDISH RD	SPOKANE	no	CEG	no	no
RITE AID #5305	WAH000040140	12222 E SPRAGUE AVE	SPOKANE VALLEY	no	CEG	no	no
ROAD PRODUCTS INC	WAH000025160	12301 E EMPIRE AVE LOT 5	SPOKANE	no	CEG	no	no
SUNSHINE DISPOSAL INC	WAD980834261	2405 N UNIVERSITY	SPOKANE	no	CEG	no	no
TESTAMERICA	WAH000034430	11922 E 1ST AVE	SPOKANE VALLEY	no	CEG	no	no
WILSON TOOL MFG	WAD988497673	10025 E MONTGOMERY AVE	SPOKANE	no	CEG	no	no

Zip code: 99207 — **Number of regulated handlers: 16**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
DIVINE CORP WELLESLEY 05	WAD988506424	925 E WELLESLEY AVE	SPOKANE	no	CEG	no	no
EDS PREMIER AUTO BODY	WAD988514188	2707 E FRANCIS AVE	SPOKANE	no	CEG	yes	no
GONZAGA PREPARATORY SCHOOL	WAD010197044	1224 E EUCLID AVE	SPOKANE	no	CEG	yes	no
HI REL LABORATORIES INC N FREYA	WAH000001982	6116 N FREYA ST	SPOKANE	no	CEG	no	no
HOLLISTER-STIER LABORATORIES LLC	WAD086247491	3525 N REGAL ST	SPOKANE	no	LQG	no	no
NIOSH SPOKANE RESEARCH LAB	WA6141500094	315 E MONTGOMERY AVE	SPOKANE	no	CEG	no	no
NORCAN	WAD988486841	9423 N MARKET ST	SPOKANE	no	CEG	no	no
SAFEWAY SPOKANE TRUCK STOP	WAD119497394	N 5707 FREYA ST TRUCK STOP	SPOKANE	no	CEG	no	no
SIGNATURE GENOMIC LABORATORIES LLC	WAR000010058	2820 N ASTOR ST	SPOKANE	no	CEG	no	no
SONDEREN PACKAGING	WAD988503322	2906 N CRESTLINE ST	SPOKANE	no	SQG	no	no
SPOKANE CITY FOOTHILLS	WAD988484333	E 914 N FOOTHILLS DR	SPOKANE	no	CEG	no	no
SPOKANE PUBLIC SCHOOL DIST 81	WAD980976518	2815 E GARLAND AVE	SPOKANE	no	SQG	no	no
SWI SAFEWAY WHSE SPOKANE	WAD988482493	N 5707 FREYA WHSE	SPOKANE	no	CEG	no	no
USARMY RESERVE CENTER MANN HALL	WAH000020156	4415 N MARKET ST	SPOKANE	no	CEG	no	no
WA DOT EASTERN REGION MAYFAIR	WAD980724371	2714 N MAYFAIR ST	SPOKANE	no	CEG	no	no
DICKS PAINTING INC	WAH000004986	2803 N MARTIN	SPOKANE	no	CEG	no	no

Zip code: 99208 — **Number of regulated handlers: 5**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
ALBERTSONS 206	WAH000032671	9001 N INDIAN TRAIL RD	SPOKANE	no	CEG	no	no
ALBERTSONS 265	WAH000030446	6520 N NEVADA	SPOKANE	no	CEG	no	no
LOWES HIW 206	WAR000001032	6902 N DIVISION ST	SPOKANE	no	CEG	no	no
RITE AID #5311	WAH000039815	12420 N DIVISION	SPOKANE	no	CEG	no	no
RITE AID #6553	WAH000039942	9007 N INDIAN TRAIL RD	SPOKANE	no	CEG	no	no

Zip code: 99211 — **Number of regulated handlers: 2**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
CONOCOPHILLIPS CO NORTH SPOKANE TERMINAL	WAD070967245	6520 N FREYA ST	SPOKANE	no	LQG	no	no

generator type designators
LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

EPA Region 10 Report: List of Regulated Handlers, Sorted By Location Zip Code and Handler Name

State of Washington

Number of regulated handlers: 2866

Zip code: 99211 — **Number of regulated handlers: 2**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
KIM HOTSTART MFG CO	WAD009062332	E 5723 ALKI AVE	SPOKANE	no	CEG	no	no

Zip code: 99212 — **Number of regulated handlers: 28**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
ACME MACHINE WORKS	WAD988511101	1220 N BRADLEY RD	SPOKANE	no	CEG	no	no
ALBERTSONS 246	WAH000032656	8851 E TRENT AVE	MILLWOOD	no	CEG	no	no
AVISTA CORP DOLLAR RD	WAR000004994	2406 N DOLLAR RD	SPOKANE	no	CEG	no	no
BNSF RAILWAY COMPANY SPOKANE	WAD980835425	5302 E TRENT AVE	SPOKANE	no	CEG	no	no
BRENNTAG PACIFIC INC	WAD056053820	1402 N THIERMAN RD	SPOKANE	yes	LQG	no	no
CENTRAL PRE MIX CONCRETE PARK RD	WAD051170413	N 302 PARK RD	SPOKANE	no	CEG	no	no
CENTRAL PRE MIX PRESTRESS CO	WAD009060906	922 N CARNAHAN RD	SPOKANE	no	CEG	no	no
COMMUNITY COLLEGES OF SPOKANE FELTS FIEL	WA0000016188	E 5317 RUTTER AVE	SPOKANE	no	CEG	no	no
COMSTOR INFORMATION MANAGEMENT	WAD988515581	2219 N DICKEY ST	SPOKANE	no	CEG	no	no
EXXON MOBIL SPOKANE TERMINAL	WAD000641779	6311 E SHARP AVE	SPOKANE	no	CEG	no	no
FABRICATION & TRUCK EQUIPMENT INC	WAD988476677	E 5301 BROADWAY AVE	SPOKANE	no	CEG	no	no
GRAHAM CONSTRUCTION & MANAGMENT INC	WA0000113787	331 N FANCHER RD SHEA	SPOKANE	no	CEG	no	no
HOME DEPOT 4714	WAH000012682	5101 E SPRAGUE AVE	SPOKANE	no	SQG	no	no
INLAND BATTERY SOLUTIONS LLC DBA INTERST	WAH000037738	5417 E TRENT AVE	SPOKANE	no	none	no	no
INLAND EMPIRE PAPER	WAD009069279	3320 N ARGONNE RD	SPOKANE	no	CEG	no	no
INLAND EMPIRE PLATING EASTERN RD	WAD009063827	N 2401 EASTERN RD	SPOKANE	no	SQG	no	no
INTERMOUNTAIN FABRICATORS INC	WAD988513644	6014 E KNOX AVE	SPOKANE	no	CEG	no	no
JAREMKO BODY SHOP	WAR000007070	6909 E SPRAGUE AVE	SPOKANE	no	CEG	no	no
JAREMKO NISSAN INC	WAD089339964	6901 E SPRAGUE AVE	SPOKANE	no	CEG	no	no
NORTHWEST SANDBLAST & PAINT LLC	WAD988501656	5916 E BALDWIN	SPOKANE	no	CEG	no	no
PENSKE TRUCK LEASING CO LP MALLON	WAH000009720	6223 E MALLON	SPOKANE	no	CEG	no	no
RITE AID #5309	WAH000039971	1443 N ARGONNE RD	SPOKANE VALLEY	no	CEG	no	no
UNITED PARCEL SERVICE SPOKANE	WAD981761612	1016 N BRADLEY RD	SPOKANE	no	LQG	no	no
UNIVAR USA INC	WAD009236811	4515 WISCONSIN AVE E	SPOKANE	yes	CEG	yes	no
VILLELLI ENTERPRISES INC	WAH000011890	225 N ELLA RD	SPOKANE	no	LQG	no	no
WESTERN FRUIT EXPRESS	WAH000033393	5310 E TRENT BLDG 1	SPOKANE	no	CEG	no	no
LES SCHWAB	WA0000016014	6320 E ALKI AVE	SPOKANE	no	none	no	no
EMERALD SERVICES INC SPOKANE VALLEY	WAH000042987	6308 E SHARP AVE	SPOKANE VALLEY	no	CEG	no	no

Zip code: 99214 — **Number of regulated handlers: 1**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
KEY TRONIC EMS	WA0000275404	4424 N SULLIVAN RD	SPOKANE	no	CEG	no	no

Zip code: 99216 — **Number of regulated handlers: 27**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
APEX INDUSTRIES INC	WA0000149203	3808 N SULLIVAN RD BLDG 14 NW	SPOKANE VALLEY	no	CEG	no	no
BULK SERVICE TRANSPORT INC SPOKANE	WAD117356386	16702 E EUCLID AVE	SPOKANE	no	none	yes	yes

generator type designators
LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

EPA Region 10 Report: List of Regulated Handlers, Sorted By Location Zip Code and Handler Name

State of Washington

Number of regulated handlers: 2866

Zip code: 99216 — **Number of regulated handlers: 27**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
CENTRAL PRE MIX SULLIVAN RD	WAD988488235	N 1900 SULLIVAN RD	SPOKANE	no	CEG	no	no
EMERALD PETROLEUM SERVICES TRANSFER FACI	WAH000012161	3808 N SULLIVAN RD BLDG 5	SPOKANE	no	none	no	yes
EMERALD SERVICES INC SPOKANE	WAH000033156	3808 N SULLIVAN RD BLDG 11 STE	SPOKANE	no	SQG	no	yes
FIBERGLASS TECHNOLOGY INDUSTRIES	WAD980976450	3808 N SULLIVAN RD BLDG 31	SPOKANE	no	SQG	no	no
HONEYWELL ELECTRONIC MATERIALS INC	WAD000064642	15128 E EUCLID AVE	SPOKANE	yes	LQG	no	no
INCYTE PATHOLOGY P S	WAH000027361	13103 E MANSFIELD AVE	SPOKANE VALLEY	no	LQG	no	no
JACO ENVIRONMENTAL INC SPOKANE VALLEY	WAH000039381	3808 N SULLIVIAN RD BLDG 12 ST	SPOKANE VALLEY	no	CEG	no	no
JACO ENVIRONMENTAL SPOKANE	WAH000033224	38085 N SULLIVAN RD BLDG 12 ST	SPOKANE	no	CEG	no	no
KAISER ALUMINUM WASHINGTON	WAD009067281	15000 E EUCLID AVE	SPOKANE	yes	none	no	yes
KAISER ALUMINUM WASHINGTON	WAH000025850	3401 N TSCHIRLEY	SPOKANE	no	CEG	no	no
KEMIRA WATER SOLUTIONS INC	WAD085804375	2315 N SULLIVAN RD	SPOKANE	no	CEG	no	no
KEY TRONIC CORP SPOKANE INDUSTRIAL PARK	WAD048440424	3808 N SULLIVAN RD BLDG 17	SPOKANE	yes	CEG	no	no
LLOYD INDUSTRIES	WAH000025974	3808 N SULLIVAN RD BLDG 25E	SPOKANE	no	LQG	no	no
NA DEGERSTROM INC	WAD008811960	3303 N SULLIVAN RD	SPOKANE	no	CEG	no	no
SAFETY KLEEN SYSTEMS 3808 N SULLIVAN	WAH000015883	3808 N SULLIVAN RD BLDG 31 TRA	SPOKANE	no	none	no	yes
SAFETY KLEEN SYSTEMS INC NEW BLDG	WAH000025242	3808 N SULLIVAN RD BLDG 12 STE	SPOKANE	no	SQG	yes	yes
SERVATRON INC	WAH000012260	15520 FAIRVIEW AVE	SPOKANE	no	CEG	no	no
SPOKANE INDUSTRIES	WAD009069717	3808 N SULLIVAN RD BLDG 1	SPOKANE	no	SQG	no	no
STERLING INTERNATIONAL INC	WAH000001677	3808 N SULLIVAN RD BLDG 16	SPOKANE	no	SQG	no	no
TARGET STORE 0915	WAH000027912	13724 E SPRAGUE AVE	SPOKANE	no	SQG	no	no
US ARMY RESERVE CENTER SPOKANE	WA4210400129	3830 N SULLIVAN RD	SPOKANE	no	CEG	no	no
US WAX & POLYMER INC	WAH000031432	17625 E EUCLID AVE	SPOKANE	no	LQG	no	no
VALLEY HOSPITAL	WAH000034500	12606 E MISSION AVE	SPOKANE VALLEY	no	SQG	no	no
WAGSTAFF INC	WAD009065145	3910 N FLORA RD	SPOKANE	no	CEG	no	no
WALMART REAL ESTATE BUSINESS TRUST	WAH000039617	5025 E SPRAGUE AVE	SPOKANE VALLEY	no	LQG	no	no

Zip code: 99217 — **Number of regulated handlers: 8**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
ABLE CLEAN UP TECH INC	WAH000019166	4117 E NEBRASKA AVE TRANSFER F	SPOKANE	no	CEG	yes	yes
ABLE CLEAN UP TECHNOLOGIES INC	WAH000018838	4117 E NEBRASKA	SPOKANE	no	none	yes	yes
BROOKLYN IRON WORKS INC	WAH000021382	2401 E BROOKLYN AVE	SPOKANE	no	SQG	no	no
HANSON WORLDWIDE LLC	WAD988473088	2425 E MAGNESIUM RD	SPOKANE	no	SQG	no	no
HOLLY ENERGY PARTNERS	WAD000641548	3225 E LINCOLN RD	SPOKANE	no	LQG	no	no
OK ELECTRIC INC	WAH000041193	3721 E CENTRAL	SPOKANE	no	LQG	yes	no
PROTO MFG	WAH000024086	5959 N FREYA	SPOKANE	no	SQG	no	no
WA COMMUNITY COLLEGES OF SPOKANE SCC	WAD980983860	N 1810 GREENE ST	SPOKANE	no	SQG	no	no

Zip code: 99218 — **Number of regulated handlers: 7**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
ALBERTSONS #242	WAH000038808	12312 N DIVISION ST	SPOKANE	no	CEG	no	no
HOME DEPOT 4719	WAH000012641	9116 N NEWPORT HWY	SPOKANE	no	SQG	no	no
NORTHWEST PIPELINE GP SPOKANE DIST	WAD075231951	1022 E HAWTHORNE RD	SPOKANE	no	SQG	no	no

generator type designators
LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator .

EPA Region 10 Report: List of Regulated Handlers, Sorted By Location Zip Code and Handler Name

State of Washington

Number of regulated handlers: 2866

Zip code: 99218 — **Number of regulated handlers: 7**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
RITE AID #5308	WAH000039956	9120 N DIVISION	SPOKANE	no	CEG	no	no
TARGET STORE 0636	WAH000027954	9770 N NEWPORT HWY	SPOKANE	no	SQG	no	no
TRAVIS PATTERN	WAD009068578	1413 E HAWTHORNE RD	SPOKANE	no	SQG	no	no
WAL MART STORE 2549	WAH000017012	9212 N COLTON ST	SPOKANE	no	SQG	no	no

Zip code: 99219 — **Number of regulated handlers: 1**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
HORIZON AIR INDUSTRIES	WAH000030344	9118 W ELECTRIC AVE	SPOKANE	no	CEG	no	no

Zip code: 99220 — **Number of regulated handlers: 3**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
PACIFIC HIDE & FUR DEPOT INC	WAD027514579	1114 N RALPH ST	SPOKANE	no	SQG	no	no
WESTERN STATES EQUIP CO SPOKANE TRUCK SH	WAD980988349	520 N DYER RD	SPOKANE	no	CEG	no	no
WESTERN STATES EQUIPMENT CO SPOKANE MAIN	WAD046564258	4625 E TRENT AVE	SPOKANE	no	CEG	no	no

Zip code: 99223 — **Number of regulated handlers: 4**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
ALBERTSONS 268	WAH000032593	3010 E 57TH AVE	SPOKANE	no	CEG	no	no
MILLER PAINT COMPANY INC	WAH000040300	2501 E 29TH AVE	SPOKANE	no	CEG	no	no
RITE AID #5312	WAH000040154	2929 E 29TH AVE	SPOKANE	no	CEG	no	no
RITE AID #5313	WAH000039807	4514 S REGAL ST	SPOKANE	no	CEG	no	no

Zip code: 99224 — **Number of regulated handlers: 10**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
ASSOCIATED PAINTERS INC	WAH000037469	8510 W ELECTRIC AVE	SPOKANE	no	LQG	no	no
CONWAY FREIGHT WESTERN	WAH000030358	6618 W THORPE RD	SPOKANE	no	CEG	no	no
FEDEX EXPRESS GEGR	WAD988496642	W 8404 AVIATION AVE	SPOKANE	no	CEG	no	no
GOODRICH CORPORATION CARBON PRODUCTS	WAH000006940	11135 W WESTBOW BLVD	SPOKANE	no	LQG	no	no
RA PEARSON CO	WAD053060398	8120 W SUNSET HWY	SPOKANE	no	CEG	no	no
SPOKANE FALLS COMMUNITY COLLEGE	WAD079246161	3410 W FORT GEORGE WRIGHT DR	SPOKANE	no	SQG	no	no
SPOKANE REGIONAL WASTE TO ENERGY FACILIT	WAR000000463	2900 S GEIGER BLVD	SPOKANE	no	LQG	no	no
TSA SPOKANE INTERNATIONAL	WAH000023967	9000 W AIRPORT DR TSA	SPOKANE	no	SQG	no	no
WA AGR SPOKANE 4	WAH000029685	7211 B WESTBOW BLVD	SPOKANE	no	LQG	no	no
RELIANCE TRAILER CO LLC GEIGER BLVD	WAD009065152	3025 S GEIGER BLVD	SPOKANE	no	SQG	no	no

Zip code: 99238 — **Number of regulated handlers: 1**

Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
PSE HOPKINS RIDGE WIND FARM	WAH000029487	431 GWINN RD	DAYTON	no	CEG	no	no

generator type designators

LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

EPA Region 10 Report: List of Regulated Handlers, Sorted By Location Zip Code and Handler Name

State of Washington

Number of regulated handlers: 2866

Zip code: 99301	Number of regulated handlers: 39						
Handler Name	Handler ID	Location Address	City	TSD	Gen Type	Transporter	Used Oil
999 INC	WA0001004738	1910 N 4TH AVE	PASCO	no	none	no	no
AMERICAN RADIATOR INC PASCO	WAD988514022	204 N OREGON AVE	PASCO	no	CEG	no	no
BATTELLE PACIFIC NORTHWEST DIV HANGAR 71	WAH000037107	3804 STEARMAN AVE	PASCO	no	SQG	no	no
BAYER CROPSCIENCE	WAH000031010	1211 E ST HELENS STE B	PASCO	no	LQG	no	no
BNSF RAILWAY COMPANY PASCO	WAD980975288	3940 N RAILROAD ST	PASCO	no	CEG	no	no
BURLINGTON ENVIRONMENTAL LLC PASCO	WAH000026408	3725 JASON AVE	PASCO	no	none	yes	yes
CENTRAL MACHINERY SALES INC E JAMES	WAH000017996	1810 E JAMES ST	PASCO	no	CEG	no	no
CENTRAL MACHINERY SALES INC PASCO	WAD988477840	1708 E JAMES ST	PASCO	no	CEG	no	no
CENTRAL PRE MIX CONCRETE PASCO	WAD988507067	11919 HARRIS RD	PASCO	no	CEG	no	no
COLUMBIA BASIN COLLEGE	WAD078213675	2600 N 20TH AVE	PASCO	no	CEG	no	no
CONAGRA FOODS LAMB WESTON PASCO	WAD161503388	960 GLADE RD N	PASCO	no	CEG	no	no
CONWAY FREIGHT UPW	WAH000037637	5220 INDUSTRIAL WAY	PASCO	no	SQG	no	no
FEDEX EXPRESS PSC	WAH000026150	1705 W ARGENT	PASCO	no	CEG	no	no
FEDEX FREIGHT INC PASCO	WAH000001008	221 S OREGON	PASCO	no	CEG	no	no
FRANK & SONS AUTOBODY INC	WAD027378967	1319 W AINSWORTH ST	PASCO	no	CEG	no	no
OAK HARBOR FREIGHT	WAH000030842	2300 E SAINT HELEN ST	PASCO	no	CEG	no	no
OIL RE REFINING CO PASCO	WAH000013003	151 N COMMERCIAL AVE	PASCO	no	none	no	yes
OXARC INC PASCO	WAD053057279	716 S OREGON AVE	PASCO	no	CEG	no	no
PARSONS CONSTRUCTORS & FABRICATORS INC	WAH000039359	3005 E AINSWORTH ST	PASCO	no	LQG	no	no
PASCO CITY	WAR000006700	1025 S GREY ST	PASCO	no	none	no	no
PASCO LANDFILL NPL SITE	WAD991281874	KAHLOTUS RD & HWY 12	PASCO	no	LQG	no	no
PASCO SCHOOL DIST 1	WAD982658007	3412 STEARMAN BLDG 210	PASCO	no	CEG	no	no
PASCO SCHOOL DIST 1 PASCO HS	WAD180850489	1108 N 10TH AVE	PASCO	no	CEG	no	no
PELICAN FUELING INC PASCO	WAH000040675	5207 N RAILROAD AVE	PASCO	no	none	no	yes
RITE AID #5314	WAH000040588	1308 N 20TH AVE	PASCO	no	CEG	no	no
RITE AID #5315	WAH000040597	215 N 4TH AVE	PASCO	no	CEG	no	no
ROWAND MACHINERY CO PASCO	WAD988512885	1907 E JAMES	PASCO	no	CEG	no	no
RUSS DEAN FORD BODY SHOP	WAR000007690	700 W COLUMBIA ST	PASCO	no	CEG	no	no
SAFETY KLEEN SYSTEMS 904 E AINSWORTH	WAH000015859	904 E AINSWORTH TRANSFER FACIL	PASCO	no	none	no	yes

generator type designators

LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

APPENDIX B

SITE PHOTOGRAPHS

Photograph Summary

Cora Well Site

1

View looking east along Cora Avenue at the south boundary of the subject site.

2

View looking west along Cora Avenue at the south boundary of the subject site.

3

View looking north along the west boundary of the subject site.

Photograph Summary

Cora Well Site

4

View looking northeast across the subject site.

5

View looking northwest across the subject site.

6

View looking southwest across the subject site.

Photograph Summary

Cora Well Site

7

View looking north along the east boundary of the subject site.

8

Trash and landscaping debris in the northwest area of the site.

9

View looking southeast across the subject site.

APPENDIX C

SCOPE OF WORK

SCOPE OF WORK

PHASE I ENVIRONMENTAL SITE ASSESSMENT

The purpose of the Phase I Environmental Site Assessment (ESA), conducted in substantial conformance with ASTM Standard 1527-13, is to identify and assess characteristics of the subject property that would be of environmental concern or, conversely, to reasonably illustrate the site characteristics of environmental concern. Environmental concerns include aspects that would lead to liability issues in the event of ownership, that have a potential for impact on property value, and that would impact the present or future use of the property. Main topics are:

- **Site Reconnaissance** - The reconnaissance shall be performed by a qualified Environmental Site Assessor who shall observe and assess the site characteristics of potential environmental concern (i.e., on-site USTs, wastewater treatment systems, hazardous materials/waste storage, etc.). Aspects of potential regulatory concern shall be researched at the appropriate regulatory agency

- **Observe Adjacent and Vicinity Properties** - This phase of work shall be performed by a qualified Environmental Site Assessor who shall identify and assess site characteristics of potential environmental concern (i.e., nearby service stations, industrial facilities, etc.). Aspects of potential regulatory concern shall be researched at the appropriate regulatory agency.

- **Regulatory Agency Review** - This review shall be performed to identify and assess any listings of regulatory permits, registrations, enforcement actions, and contaminated sites at the subject site or close enough to affect the subject property. Commercially available lists may be used. If used, these lists shall be as current as the regulatory agencies' lists. For those sites that are not covered by commercially available lists, the assessor shall review the lists at the appropriate regulatory agency.

- **Historical Review** - This review shall be implemented to identify any historical uses that may have contributed to the presence of environmental concerns at the site.

- **Report Development** - The report shall include a discussion of the findings of the tasks discussed in the scope of work. At a minimum, the report shall include each of the main topics of this scope of work and shall include specific identification of the following:
  - Polychlorinated Biphenyls (PCBs)
  - Above ground storage tanks (ASTs)
  - Underground storage tanks (USTs)
  - Hazardous Substances/Petroleum Products
  - Odors
  - Pesticides/Herbicides
  - Water supplies, Waste Generation, Storage, Disposal

Report Format - The report format to consist of the following:

- **Table of Contents**

- **Section 1 - Summary**
  - Certified Environmental Professionals
  - Abbreviated Scope of Work
  - Non-Scope Considerations

- **Section 2 - Introduction**
  - Purpose
  - Terms and Conditions
  - Limitations and Exceptions

- **Section 3 - Site Description**
  - Location
  - Site Legal Description
  - Site Description
  - Water, Wastewater, and Sewer Service
  - Current Uses
  - Tenant Interviews (If Applicable)
  - Adjacent/Adjoining Properties

- **Section 4 - Records Review**
  - Regulatory Agency Review
  - Regional Physiographic Conditions

- Topographical Conditions
- Soil Conditions
- Groundwater Conditions
- Historical Review
- Previous Environmental Investigations

- **Section 5 - Investigative Results**
  - Site Observation

- **Section 6 - Findings and Conclusions**
  - Findings
  - Recognized Environmental Conditions (if applicable)
  - Conclusions

- **Section 7 - Certification and Signatures of Environmental Professionals**

- **Appendices**
  - Maps and Site Plans
  - Site Photographs
  - Project Scope of Work
  - Certifications

APPENDIX D

ENVIRONMENTAL CERTIFICATIONS

State of California
California Environmental Protection Agency
Office of Environmental Health Hazard Assessment

Daniel L. Autrey

has fulfilled the requirements for registration as a
Registered Environmental Assessor I (REA I).

Date Registered: *October 1998*

Joan E. Denton, Ph.D.

Joan E. Denton, Ph.D.
Director
Office of Environmental Health Hazard Assessment

REA - Class I Number: *REA-07248*

Peter M. Rooney

Peter M. Rooney
Secretary for Environmental Protection
California Environmental Protection Agency

Environmental Assessment Association

hereby certifies that

Daniel L. Autrey

has been qualified for membership in the

Environmental Assessment Association

and has been admitted by its Board of Directors and declared to be a

CEI

Certified Environmental Inspector

and is hereby granted this certificate
under the conditions presented in its by-laws.

Signed and sealed this 16th day of January, 1992

Joseph M. Lacey
Managing Director

AdvanceOnline Solutions Online Institute

Certificate of Completion

Daniel Autrey

has met the online course completion requirements for

HAZWOPER 8-Hour Refresher

Certificate ID: 307_917786
Continuing Education Units: 0.8

Date: 6/23/2014 12:37:00 AM
Time Online: 14:39:00

AdvanceOnline Solutions, Inc.
2400 Augusta Drive, Suite 465
Houston, Texas 77057
www.advanceonline.com
Phone: (713) 621-1100

AdvanceOnline SOLUTIONS

AdvanceOnline Solutions Inc. has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 1760 Old Meadow Road, Suite 500, McLean, VA 22102; (703) 506-3275.

AUTHORIZED IACET PROVIDER

Technical & Professional Training

ASTM

Daniel Autrey

Is Awarded 1.4 CEUs

for successful completion of the course on

Environmental Site Assessment for Commercial Real Estate

April 7-8, 1998
Seattle, WA

James A. Thomas
President

Scott W. Murphy
Manager, Technical & Professional Training

Environmental Data Resources, Inc.

Continuing Education Program

DUE DILIGENCE at DAWN

This is to certify that

Mr. Dan Autrey

has successfully completed the training course

Conducting Historical Research According to ASTM Standard E 1527-94

in **Seattle, Washington**
on **November 9, 1995**

and in recognition thereof is presented with this Certificate

Certification No. 151

Program Director

CERTIFICATE OF COMPLETION

"Performing Phase I Environmental Inspections"

This certifies that

Daniel L. Autrey

has attended this

intensive educational course

in Seattle, Washington on July 29, 1994.

"Consisted of seven and a half (7.5) hours of intensive education and is approved for Real Estate Appraiser Continuing Education by the State of Washington."

ENVIRONMENTAL ASSESSMENT ASSOCIATION

July 29, 1994

Date

Troy E. Johnson

Troy Johnson
Executive Director

Association of Construction Inspectors

aci
association of
construction
inspectors

hereby certifies that

Daniel L. Autrey

has been qualified for membership in the

Association of Construction Inspectors

and has been admitted by its Board of Directors and declared to be a

CCPM

Certified Construction Project Manager

and is hereby granted this certificate

under the conditions presented in its by-laws.

aci
association of
construction
inspectors

Executive Director

Signed and sealed this 15th day of October, 19 97

Technical & Professional Training

ASTM

Daniel L. Autrey

Is Awarded 1.4 CEUs

for successful completion of the course on

Phase II Environmental Site Assessment Process

March 23-24, 1999
Clearwater Beach, FL

James A. Thomas
President

Scott W. Murphy
Manager, Technical & Professional Training