



## GLOSSARY OF DATA

### DATA QUALIFIERS

- U** = Indicates that the compound was analyzed for but not detected. The minimum detection limit for the sample (not the method detection limit) is reported with the U (e.g., 10U).
- J** = Indicates an estimated value. This flag is used in cases where a target analyte is detected at a level less than the lower quantification level. If the limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B** = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination.
- E** = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- I** = Interference.
- .I** = Indicates an interference on one analytical column only. Result is reported from remaining analytical column.
- P** = This flag is used for a dual column analysis (i.e. pesticides/PCB/herbicides) when there is greater than 40% difference for detected concentrations between the two GC columns; the lower of the two values is reported on Form 1 and flagged with a "P".
- D** = This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- C** = This flag applies to a compound that has been confirmed by GC/MS.

### ABBREVIATIONS

- BS** = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.
- BSD** = Indicates blank spike duplicate.
- MS** = Indicates matrix spike.
- MSD** = Indicates matrix spike duplicate.
- DL** = Indicates that recoveries were not obtained because the extract had to be diluted for analysis.
- NA** = Not Applicable.
- DF** = Dilution Factor.
- NR** = Not Required.
- NS** = Not Spiked.
- SP** = Indicates Spiked Compound.
- NPM** = No pattern match for multi-component target analytes.

# INORGANIC ANALYSIS DATA SHEET

6010

BB-34 CISTERN 001
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Laboratory: Lionville Laboratory

SDG:

Client: Missouri Department of Natural Resources

Project: EBERLINE MDNR

Matrix: Soil

Laboratory ID: 1111082-01

File ID: ICP112911B-037

Sampled: 11/15/11 12:45

Prepared: 11/22/11 11:31

Analyzed: 11/29/11 19:57

Solids: 82.83

Preparation: SW 3010A

Initial/Final: 50 mL / 50 mL

Batch: L111264

Sequence: 1120001

Calibration: UNASSIGNED

Instrument: Thermo iTEVA

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-38-2	Arsenic	0.0750	5	U	6010
7440-39-3	Barium	1.16	5	D	6010
7440-43-9	Cadmium	0.0101	5	JD	6010
7440-47-3	Chromium	0.00271	5	JD	6010
7439-92-1	Lead	0.0967	5	D	6010
7782-49-2	Selenium	0.100	5	U	6010
7440-22-4	Silver	0.0300	5	U	6010

# ORGANIC ANALYSIS DATA SHEET

8082

BB-34 CISTERN 001
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Laboratory:	<u>Lionville Laboratory</u>	SDG:	
Client:	<u>Missouri Department of Natural Resources</u>	Project:	<u>EBERLINE MDNR</u>
Matrix:	<u>Soil</u>	Laboratory ID:	<u>1111082-01</u>
		File ID:	<u>LIMS_EXPORT3331</u>
Sampled:	<u>11/15/11 12:45</u>	Prepared:	<u>11/28/11 22:55</u>
		Analyzed:	<u>12/01/11 15:05</u>
Solids:	<u>82.83</u>	Preparation:	<u>SW 3540C</u>
		Initial/Final:	<u>20.81 g / 10 mL</u>
Batch:	<u>L111319</u>	Sequence:	<u>1110158</u>
		Calibration:	<u>UNASSIGNED</u>
		Instrument:	<u>GC17</u>

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
12674-11-2	Aroclor 1016	1	23.1	U
11104-28-2	Aroclor 1221	1	23.1	U
11141-16-5	Aroclor 1232	1	23.1	U
53469-21-9	Aroclor 1242	1	23.1	U
12672-29-6	Aroclor 1248	1	23.1	U
11097-69-1	Aroclor 1254	1	23.1	U
11096-82-5	Aroclor 1260	1	23.1	U
37324-23-5	Aroclor 1262	1	23.1	U
11100-14-4	Aroclor 1268	1	23.1	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	58.012	36.4	63	43 - 144	
Tetrachloro-meta-xylene	58.018	46.9	81	52 - 141	

\* Value outside of QC limits

000000017

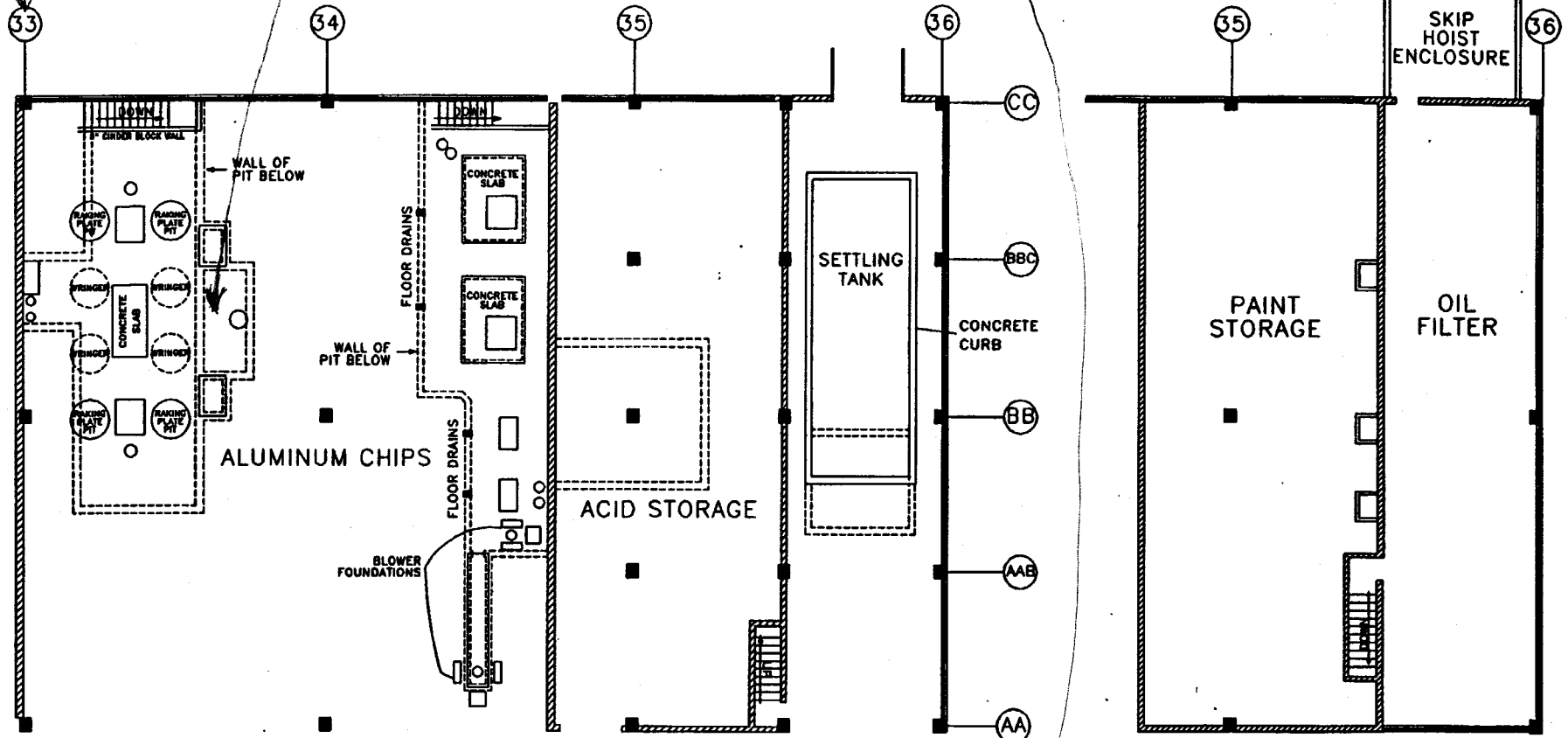




Column number

Location of pit

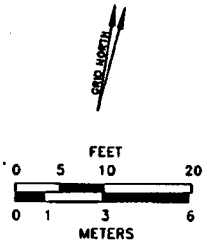
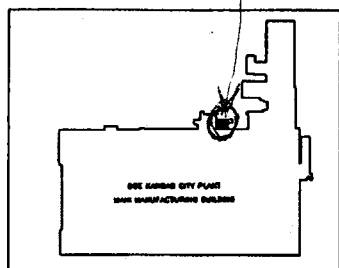
Location of 6-Bay Addition



6-BAY ADDITION  
FIRST FLOOR PLAN

6-BAY ADDITION  
MEZZANINE FLOOR PLAN

LOCATION MAP



KC203

Fig. 2.2a. 6-Bay addition, first floor plan and mezzanine floor plan.

2-7