


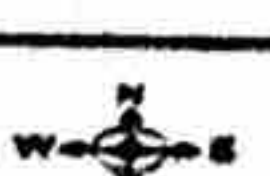


**Field Log Sheet**

StationID: <b>SR 1</b> Date: <b>6/16/16</b> Arrival Time: <b>0705</b> Departure Time: <b>0745</b>	Personnel <b>JS</b> (initials): <b>MD</b> <b>PJ</b>	Photo Descriptions <div style="text-align: right; padding-right: 20px;"></div>
<b>Positioning</b> GPS Device: Trimble DGPS Datum: WGS84 Lat : Long : Associated Flow Gage ID: Gage Flow (cfs): Comments:		<div style="text-align: right; padding-right: 20px;"></div> <div style="text-align: right; padding-right: 20px;"></div> <div style="text-align: right; padding-right: 20px;"></div>

**Habitat Observations**

SKY CODE:	NA	Clear	<u>Partly Cloudy</u>	Overcast	Fog	Smoky	Hazy
PRECIPITATION:	NA	<u>None</u>	Fog	Drizzle	Rain	Snow	
WATERCOLOR:	<u>Colorless</u>	Green	Yellow	Brown	Other : _____		
WATERODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other : _____
SITE ODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Smoke	Other : _____	
OTHER OBSERVATIONS:							

**Field Measurements**

PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<b>14.78</b>	<b>7.88</b>	<b>173.9</b>	<b>0.11</b>	<b>9.84</b>	<b>3</b>	<b>1.5</b>	
Instrument:	<b>YSI Exo</b>							
Calib. Date:	<b>6/16/16</b>							





**Sample Location Description:**

Notes: \_\_\_\_\_

Data Recorder Initials: \_\_\_\_\_



**Field Log Sheet**

Station ID: <u>SR-23</u> Date: <u>6-16-16</u> Arrival Time: <u>0850</u> Departure Time: <u>0915</u>	Personnel: <u>JS</u> (initials): <u>MD</u> <u>FJ</u>	Photo Descriptions <div style="text-align: right;"></div>
<b>Positioning</b> GPS Device: Trimble DGPS Datum: WGS84 Lat : _____ Long : _____ Associated Flow Gage ID: _____ Gage Flow (cfs): _____ Comments: _____		<div style="text-align: right;"></div> <div style="text-align: right;"></div> <div style="text-align: right;"></div>

**Habitat Observations**

SKY CODE:	NA	Clear	<u>Partly Cloudy</u>	Overcast	Fog	Smoky	Hazy
PRECIPITATION:	NA	<u>None</u>	Fog	Drizzle	Rain	Snow	
WATERCOLOR:	<u>Colorless</u>	Green	Yellow	Brown	Other : _____		
WATERODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other : _____
SITE ODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Smoke	Other : _____	
OTHER OBSERVATIONS: _____							

**Field Measurements**

PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement								
Instrument:	<u>YSI MALFUNCTION NO VALUES COLLECTED (DEAD BATTERY)</u>							
Calib. Date:								

**Sample Location Description:**

<u>DVP 1 collected @ 0849</u>
-------------------------------

Notes: \_\_\_\_\_

\_\_\_\_\_





\_\_\_\_\_

\_\_\_\_\_

Data Recorder Initials: \_\_\_\_\_



**Field Log Sheet**

StationID: <u>SR-4</u> Date: <u>6-16-16</u> Arrival Time: <u>0940</u> Departure Time: <u>1005</u>	Personnel <u>JS</u> (initials): <u>MD</u> <u>PJ</u>	Photo Descriptions <div style="text-align: right; padding-right: 20px;"></div>
<b>Positioning</b> GPS Device: Trimble DGPS Datum: WGS84 Lat : _____ Long : _____ Associated Flow Gage ID: _____ Gage Flow (cfs): _____ Comments: _____		<div style="text-align: right; padding-right: 20px;"></div> <div style="text-align: right; padding-right: 20px;"></div> <div style="text-align: right; padding-right: 20px;"></div>

**Habitat Observations**

SKY CODE:	NA	Clear	<u>Partly Cloudy</u>	Overcast	Fog	Smoky	Hazy
PRECIPITATION:	NA	<u>None</u>	Fog	Drizzle	Rain	Snow	
WATERCOLOR:	<u>Colorless</u>	Green	Yellow	Brown	Other : _____		
WATERODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other : _____
SITE ODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Smoke	Other : _____	
OTHER OBSERVATIONS: _____							

**Field Measurements**

PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<u>14.83</u>	<u>7.84</u>	<u>180.3</u>	<u>0.07</u>	<u>8.66</u>	<u>3</u>	<u>1</u>	
Instrument:	<u>YSI Exo</u>							
Calib. Date:	<u>6-16-16</u>							

**Sample Location Description:**

Notes: \_\_\_\_\_

\_\_\_\_\_





\_\_\_\_\_

\_\_\_\_\_

Data Recorder Initials: \_\_\_\_\_



**Field Log Sheet**

StationID: <b>SR-7</b>	Personnel: <b>JS</b>	Photo Descriptions  <div style="text-align: right;"></div>
Date: <b>6-16-16</b>	(initials): <b>MD</b>	
Arrival Time: <b>1020</b>	<b>PJ</b>	
Departure Time: <b>1045</b>		
<b>Positioning</b> GPS Device: Trimble DGPS Datum: WGS84 Lat : Long : Associated Flow Gage ID: Gage Flow (cfs): Comments:		<div style="text-align: right;"></div> <div style="text-align: right;"></div> <div style="text-align: right;"></div>

**Habitat Observations**

SKY CODE:	NA	Clear	<u>Partly Cloudy</u>	Overcast	Fog	Smoky	Hazy
PRECIPITATION:	NA	<u>None</u>	Fog	Drizzle	Rain	Snow	
WATERCOLOR:	<u>Colorless</u>	Green	Yellow	Brown	Other : _____		
WATERODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other : _____
SITE ODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Smoke	Other : _____	
OTHER OBSERVATIONS:							

**Field Measurements**

PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<b>14.2</b>	<b>7.66</b>	<b>156.0</b>	<b>0.14</b>	<b>8.78</b>	<b>3</b>	<b>1</b>	
Instrument:								
Calib. Date:								

**Sample Location Description:**

Notes: \_\_\_\_\_

\_\_\_\_\_





\_\_\_\_\_

\_\_\_\_\_

Data Recorder Initials: \_\_\_\_\_



**Field Log Sheet**

Station ID: <u>SL 15</u>	Personnel	J3	Photo Descriptions
Date: <u>6-16-16</u>	(initials):	MD	
Arrival Time: <u>1120</u>		PJ	
Departure Time: <u>1200</u>			
<b>Positioning</b>			
GPS Device: Trimble DGPS			
Datum: WGS84			
Lat :			
Long :			
Associated Flow Gage ID:			
Gage Flow (cfs):			
Comments:			

**Habitat Observations**

SKY CODE:	NA	Clear	<u>Partly Cloudy</u>	Overcast	Fog	Smoky	Hazy
PRECIPITATION:	NA	<u>None</u>	Fog	Drizzle	Rain	Snow	
WATERCOLOR:	<u>Colorless</u>	Green	Yellow	Brown	Other : _____		
WATERODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other : _____
SITE ODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Smoke	Other : _____	
OTHER OBSERVATIONS:							

**Field Measurements**

PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<u>16.69</u>	<u>7.84</u>	<u>59.4</u>	<u>0.38</u>	<u>9.03</u>	<u>4</u>	<u>1</u>	
Instrument:								
Calib. Date:								

**Sample Location Description:**

Notes: \_\_\_\_\_

\_\_\_\_\_





\_\_\_\_\_

\_\_\_\_\_

Data Recorder Initials: \_\_\_\_\_



**Field Log Sheet**

StationID: <u>HC-1</u> Date: <u>6/16/16</u> Arrival Time: <u>0805</u> Departure Time: <u>0845</u>	Personnel <u>JS</u> (initials): <u>MD</u> <u>PJ</u>	Photo Descriptions <div style="text-align: right; padding-right: 20px;">  </div>
<b>Positioning</b> GPS Device: Trimble DGPS Datum: WGS84 Lat : _____ Long : _____ Associated Flow Gage ID: _____ Gage Flow (cfs): _____ Comments: _____		
		
		

**Habitat Observations**

SKY CODE:	NA	Clear	Partly <u>Cloudy</u>	Overcast	Fog	Smoky	Hazy
PRECIPITATION:	NA	<u>None</u>	Fog	Drizzle	Rain	Snow	
WATERCOLOR:	<u>Colorless</u>	Green	Yellow	Brown	Other : _____		
WATERODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other : _____
SITE ODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Smoke	Other : _____	
OTHER OBSERVATIONS:							

**Field Measurements**

PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<u>15.54</u>	<u>7.97</u>	<u>396.6</u>	<u>0.38</u>	<u>9.53</u>	<u>2</u>	<u>1</u>	
Instrument:	<u>YSI</u>							
Calib. Date:	<u>6/16/16</u>							

**Sample Location Description:**

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Data Recorder Initials: \_\_\_\_\_



SERIAL # of Instrument: \_\_\_\_\_

			CONDUCTIVITY		DISSOLVED OXYGEN (DO)			pH				Turbidity	
Date	Time (24 Hour)	Initial ( $\mu$ S/cm)	Final ( $\mu$ S/cm)	Temp. (°C)	BP (mm Hg)	Initial DO (mg/L)	Final DO (mg/L)	Initial pH 7.0	Final pH 7.0	Initial pH 10	Final pH 10	Initial NTU	Final NTU
6/16/16	0705	1117.2	1150	13.55	719.5	94.4 %	95.0 %	7.17	7.0	10.06	9.99	10	10

Luminescent Dissolved Oxygen Calibration Method (circle one):

Air-Saturated Water

Winkler

Water-Saturated Air

Source of Barometric Pressure<sup>1</sup> (BP) YSI

Barometric Pressure corrected for altitude<sup>2</sup>: Yes N/Ap (circle one)

Depth calibrated at all locations (circle one): Yes N/Ap (circle one)

NOTES:

Calibration Standard: \_\_\_\_\_  $\mu$ S/cm

Lot # \_\_\_\_\_ Exp. Date: \_\_\_\_\_

pH

Lot # \_\_\_\_\_ Exp. Date: \_\_\_\_\_





Turbidity

Lot# \_\_\_\_\_ Exp. Date: \_\_\_\_\_

<sup>1</sup> Enter date & local BP (inches of Hg) at the time of calibration in the notes (e.g.-5/29/97 BP=29.90")



**Field Log Sheet**

Station ID: <u>SR1</u>	Personnel (initials): <u>JS</u>	Photo Descriptions
Date: <u>10/24/16</u>		
Arrival Time: <u>1300</u>		
Departure Time: <u>1340</u>		
<b>Positioning</b>		
GPS Device: Trimble DGPS		
Datum: WGS84		
Lat:		
Long:		
Associated Flow Gage ID:		
Gage Flow (cfs):		
Comments:		

**Habitat Observations**

SKY CODE: NA Clear Partly Cloudy Overcast Fog Smoky Hazy

PRECIPITATION: NA None Fog Drizzle Rain Snow

WATERCOLOR: Colorless Green Yellow Brown Other : \_\_\_\_\_

WATERODOR: None Sulfides Sewage Petroleum Mixed Decay Other : \_\_\_\_\_

SITE ODOR: None Sulfides Sewage Petroleum Smoke Other : \_\_\_\_\_

OTHER OBSERVATIONS:




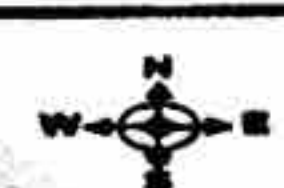
**Field Measurements**

PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu) <u>FNU</u>	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<u>11.97</u>	<u>8.1</u>	<u>121.3</u>	<u>0.48</u>	<u>10.2</u>	<u>3</u>	<u>1</u>	
Instrument:								
Calib. Date:								

**Sample Location Description:**
Notes: Duplicate 1 collected hereData Recorder Initials: JS



**Field Log Sheet**

Station ID: <u>SR3</u>	Personnel	<u>JS</u>	Photo Descriptions
Date: <u>10/26/16</u>	(initials):		
Arrival Time: <u>1445</u>			
Departure Time: <u>1515</u>			
<b>Positioning</b>			
GPS Device: Trimble DGPS			
Datum: WGS84			
Lat :			
Long :			
Associated Flow Gage ID:			
Gage Flow (cfs):			
Comments:			

**Habitat Observations**

SKY CODE:	NA	Clear	Partly Cloudy	<u>Overcast</u>	Fog	Smoky	Hazy
PRECIPITATION:	NA	None	Fog	Drizzle	<u>Rain</u>	Snow	
WATERCOLOR:	<del>Colorless</del>	Green	Yellow	Brown	Other : _____		
WATERODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other : _____
SITE ODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Smoke	Other : _____	
OTHER OBSERVATIONS:							

**Field Measurements**

PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu) <i>FNU</i>	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<u>12.12</u>	<u>8.21</u>	<u>76.5</u>	<u>0.89</u>	<u>10.3</u>	<u>10.3</u>	<u>1</u>	
Instrument:	<u>EXO</u>							
Calib. Date:	<u>10/26/16</u>							

**Sample Location Description:**

Notes: \_\_\_\_\_





\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Data Recorder Initials: JS



Field Log Sheet			
StationID: <u>SR-4</u>	Personnel	<u>JS</u>	Photo Descriptions
Date: <u>10/26/16</u>	(Initials):		
Arrival Time: <u>1100</u>			
Departure Time: <u>1140</u>			
<b>Positioning</b> GPS Device: Trimble DGPS Datum: WGS84			
Lat :			
Long :			
Associated Flow Gage ID:			
Gage Flow (cfs):			
Comments:			

Habitat Observations	
SKY CODE:	NA Clear Partly Cloudy <u>Overcast</u> Fog Smoky Hazy
PRECIPITATION:	NA None Fog Drizzle <u>Rain</u> Snow
WATERCOLOR:	<u>Colorless</u> Green Yellow Brown Other : _____
WATERODOR:	<u>None</u> Sulfides Sewage Petroleum Mixed Decay Other : _____
SITE ODOR:	<u>None</u> Sulfides Sewage Petroleum Smoke Other : _____
OTHER OBSERVATIONS:	

Field Measurements								
PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	<sup>FNU</sup> Turbidity (ntu) <del>FNU</del>	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<u>12.04</u>	<u>8.05</u>	<u>99.9</u>	<u>0.95</u>	<u>9.53</u>	<u>3</u>	<u>1</u>	
Instrument:	<u>EXO</u>							
Calib. Date:	<u>10/26/16</u>							

Sample Location Description:

Notes: \_\_\_\_\_

\_\_\_\_\_





\_\_\_\_\_

\_\_\_\_\_

Data Recorder Initials: JS



**Field Log Sheet**

StationID: <u>SR7</u> Date: <u>10/26/16</u> Arrival Time: <u>1015</u> Departure Time: <u>1048</u>	Personnel <u>JS</u> (initials): _____ _____ _____	Photo Descriptions <div style="text-align: right; padding-right: 20px;">  </div>
<b>Positioning</b> GPS Device: Trimble DGPS Datum: WGS84 Lat: _____ Long: _____ Associated Flow Gage ID: _____ Gage Flow (cfs): _____ Comments: _____		<div style="text-align: right; padding-right: 20px;">  </div> <div style="text-align: right; padding-right: 20px;">  </div> <div style="text-align: right; padding-right: 20px;">  </div>

**Habitat Observations**

SKY CODE:	NA	Clear	Partly Cloudy	<u>Overcast</u>	Fog	Smoky	Hazy
PRECIPITATION:	NA	None	Fog	Drizzle	<u>Rain</u>	Snow	
WATERCOLOR:	<u>Colorless</u>	Green	Yellow	Brown	Other : _____		
WATERODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other : _____
SITE ODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Smoke	Other : _____	

OTHER OBSERVATIONS: \_\_\_\_\_

**Field Measurements**

PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu) FTU	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<u>12.11</u>	<u>7.95</u>	<u>88.0</u>	<u>0.51</u>	<u>9.6</u>	<u>3</u>	<u>1</u>	
Instrument:	<u>EXO</u>							
Calib. Date:	<u>10/26/16</u>							

**Sample Location Description:**

Notes: \_\_\_\_\_

\_\_\_\_\_





\_\_\_\_\_

\_\_\_\_\_

Data Recorder Initials: JS



**Field Log Sheet**

Station ID: <u>SR15</u>	Personnel (Initials): <u>SS</u>	Photo Descriptions
Date: <u>10/26/16</u>		
Arrival Time: <u>0845</u>		
Departure Time: <u>0915</u>		
<b>Positioning</b>		
GPS Device: Trimble DGPS		
Datum: WGS84		
Lat:		
Long:		
Associated Flow Gage ID:		
Gage Flow (cfs):		
Comments:		

**Habitat Observations**

SKY CODE:	NA	Clear	Partly Cloudy	<u>Overcast</u>	Fog	Smoky	Hazy
PRECIPITATION:	NA	None	Fog	<u>Drizzle</u>	Rain	Snow	
WATERCOLOR:	<u>Colorless</u>	Green	Yellow	Brown	Other: _____		
WATERODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other: _____
SITE ODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Smoke	Other: _____	
OTHER OBSERVATIONS:							

**Field Measurements**




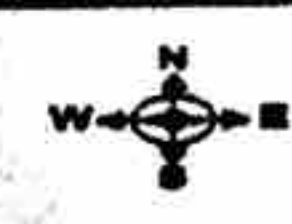
PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<u>12.67</u>	<u>8.0</u>	<u>50.0</u>	<u>0.29</u>	<u>9.5</u>	<u>3</u>	<u>1</u>	
Instrument:	<u>Exo</u>							
Calib. Date:	<u>10/26/16</u>							

**Sample Location Description:**

Notes:

Data Recorder Initials: SS



Field Log Sheet			
StationID: <u>H41</u> Date: <u>10/26/16</u> Arrival Time: <u>1405</u> Departure Time: <u>1435</u>	Personnel (initials):	<u>JS</u>	Photo Descriptions  <div style="text-align: right;"></div>
<b>Positioning</b> GPS Device: Trimble DGPS Datum: WGS84 Lat : Long : Associated Flow Gage ID: Gage Flow (cfs): Comments:			<div style="text-align: right;"></div> <div style="text-align: right;"></div> <div style="text-align: right;"></div>

Habitat Observations
SKY CODE: NA Clear Partly Cloudy <u>Overcast</u> Fog Smoky Hazy PRECIPITATION: NA None Fog Drizzle <u>Rain</u> Snow WATERCOLOR: Colorless Green Yellow <u>Brown</u> Other : _____ WATERODOR: <u>None</u> Sulfides Sewage Petroleum Mixed Decay Other : _____ SITE ODOR: <u>None</u> Sulfides Sewage Petroleum Smoke Other : _____ OTHER OBSERVATIONS:

Field Measurements								
PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu) <u>FND</u>	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<u>10.3</u>	<u>8.2</u>	<u>330.5</u>	<u>10.5</u>	<u>10.35</u>	<u>1.5'</u>	<u>1</u>	
Instrument:	<u>EXO</u>							
Calib. Date:	<u>10/26/16</u>							

Sample Location Description:

Notes: Water was murky due to rainfall

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Data Recorder Initials: JS



## Field Log Sheet

StationID: CD3	Personnel	JS	Photo Descriptions
Date: 10/27/16	(initials):		
Arrival Time: 0805/835			
Departure Time: 0900			
Positioning			
GPS Device: Trimble DGPS			
Datum: WGS84			
Lat:			
Long:			
Associated Flow Gage ID:			
Gage Flow (cfs):			
Comments:			

## Habitat Observations

SKY CODE:	NA	Clear	Partly Cloudy	Overcast	Fog	Smoky	Hazy
PRECIPITATION:	NA	None	Fog	Drizzle	Rain	Snow	
WATERCOLOR:	Colorless	Green	Yellow	Brown	Other	:	
WATERODOR:	None	Sulfides	Sewage	Petroleum	Mixed	Decay	Other :
SITE ODOR:	None	Sulfides	Sewage	Petroleum	Smoke	Other	:
OTHER OBSERVATIONS:							

## Field Measurements

PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	12.52	8.29	51.3	0.25	9.63	15.3"	2'	
Instrument:	Exo							
Calib. Date:	10/26/16							

## Sample Location Description:

N 47° 42.200  
W 116° 56.849

Notes:

Data Recorder Initials:

JS



Field Log Sheet			
StationID: CD 2	Personnel	JS	Photo Descriptions
Date: 10/27/16	(initials):		
Arrival Time: 0925			
Departure Time: 0945			
Positioning			
GPS Device: Trimble DGPS			
Datum: WGS84			
Lat :			
Long :			
Associated Flow Gage ID:			
Gage Flow (cfs):			
Comments:			

Habitat Observations							
SKY CODE:	NA	Clear	Partly Cloudy	Overcast	Fog	Smoky	Hazy
PRECIPITATION:	NA	None	Fog	Drizzle	Rain	Snow	
WATERCOLOR:	Colorless	Green	Yellow	Brown	Other :		
WATERODOR:	None	Sulfides	Sewage	Petroleum	Mixed	Decay	Other :
SITE ODOR:	None	Sulfides	Sewage	Petroleum	Smoke	Other :	
OTHER OBSERVATIONS:							

Field Measurements								
PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	12.63	8.12	38.4	0.18	9.5	14'	6.5'	
Instrument:	EXO							
Calib. Date:	10/26/16							

Sample Location Description:
N 47° 41.729'
W 116° 49.082'

Notes: slightly upstream of target location due to shore work and dredging near target location

Data Recorder Initials: JS



# GRAVITY

2010.4

Field Log Sheet		Field Description
ID: CO 1 Date: 10/27/16 Arrival Time: 1000 Departure Time: 1045	Pressure: 30 Altitude:	+
Pre-flight (GPS, Level, Tides, DGPS) Datum: NAD83		+
Lat: Long:		+
Associated Free Gage ID: Gage Free (ID): Comments:		+

Field Observations									
WIND DIRECTION	WIND SPEED	SEA STATE	WAVE PERIOD	WAVE HEIGHT	WAVE DIRECTION	WAVE PERIOD	WAVE HEIGHT	WAVE DIRECTION	WAVE PERIOD
PRECIPITATION	MOON PHASE	MOON SET	MOON RISE	MOON ALTITUDE	MOON AZIMUTH	MOON ALTITUDE	MOON AZIMUTH	MOON ALTITUDE	MOON AZIMUTH
WATER TEMPERATURE	AIR TEMPERATURE	WIND TEMPERATURE	WIND DIRECTION	WIND SPEED	WIND PERIOD	WIND HEIGHT	WIND DIRECTION	WIND PERIOD	WIND HEIGHT
WIND DIRECTION	WIND SPEED	WIND PERIOD	WIND HEIGHT	WIND DIRECTION	WIND PERIOD	WIND HEIGHT	WIND DIRECTION	WIND PERIOD	WIND HEIGHT
WIND DIRECTION	WIND SPEED	WIND PERIOD	WIND HEIGHT	WIND DIRECTION	WIND PERIOD	WIND HEIGHT	WIND DIRECTION	WIND PERIOD	WIND HEIGHT



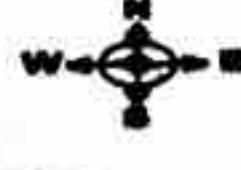

Field Measurements								
PARAMETER	Value	Unit	Depth	Depth	Depth	Depth	Depth	Depth
Temperature	12.60	°C	2.07	38.3	0.2	9.18	9.1	2
Pressure	6.1	hPa						
Salinity	35.2	PSU						

Sample Location Description	
N 47° 40.622' W 116° 48.140'	

Notes	
_____ _____ _____ _____	



## Field Log Sheet

Station ID: <u>C04</u>	Personnel	<u>JS</u>	Photo Descriptions 
Date: <u>10/17/16</u>	(initials):		
Arrival Time: <u>1110</u>			
Departure Time: <u>1135</u>			
<b>Positioning</b>			
GPS Device: Trimble DGPS			
Datum: WGS84			
Lat:			
Long:			
Associated Flow Gage ID:			
Gage Flow (cfs):			
Comments:			

## Habitat Observations

SKY CODE:	NA	Clear	Partly Cloudy	Overcast	Fog	Smoky	Hazy
PRECIPITATION:	NA	None	Fog	Drizzle	Rain	Snow	
WATERCOLOR:	Colorless	Green	Yellow	Brown	Other	:	
WATERODOR:	None	Sulfides	Sewage	Petroleum	Mixed	Decay	Other :
SITE ODOR:	None	Sulfides	Sewage	Petroleum	Smoke	Other	:
OTHER OBSERVATIONS:							

## Field Measurements

PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu) FNU	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	12.5	7.53	51.3	0.36	9.96	3'	1'	
Instrument:	Exo							
Calib. Date:	10/26/14							

## Sample Location Description:

--

Notes: \_\_\_\_\_

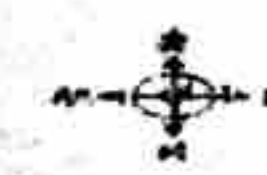


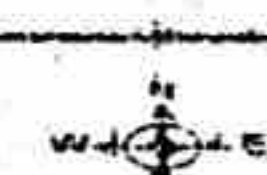
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Data Recorder Initials: JS



Field Log Sheet		Photo Descriptions
Station ID: <b>SR1</b>	Personnel: <b>JJ, JJ, CF</b>	
Date: <b>12/13/16</b>	(Initials):	
Arrival Time: <b>1410</b>		
Departure Time: <b>1430</b>		
Positioning		
GPS Device: Trimble DGPS		
Datum: <b>WGS84</b>		
Lat: <b>47.779350</b>		
Long: <b>117.546400</b>		
Associated Flow Gage ID:		
Gage Flow (cfs):		
Comments:		

Habitat Observations							
SKY CODE:	NA	Clear	Partly Cloudy	<u>Overcast</u>	Fog	Smoke	Hazy
PRECIPITATION:	NA	<u>None</u>	Fog	Drizzle	Rain	Snow	
WATERCOLOR:	<u>Colorless</u>	Green	Yellow	Brown	Other:		
WATERODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other:
SITE ODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Smoke	Other:	
OTHER OBSERVATIONS:							

Field Measurements								
PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<b>6.045</b>	<b>7.60</b>	<b>111.1</b>	<b>0.37</b>	<b>12.04</b>	<b>3</b>	<b>15</b>	
Instrument:	<b>YSI-EXO</b>							
Calib. Date:								

Sample Location Description:

Notes:

---



---





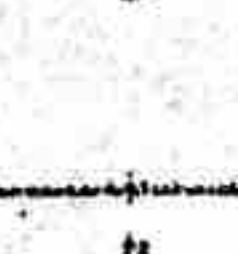

---



---

Data Recorder Initials: **JJ**



Field Log Sheet		Photo Descriptions	
Station ID: <b>SR3</b>	Personnel: <b>JJ, JJ, CF</b>	   	
Date: <b>12/13/16</b>	(Initials):		
Arrival Time: <b>1540</b>			
Departure Time: <b>1600</b>			
Positioning			
GPS Device: <b>Trimble DGPS</b>			
Datum: <b>WGS84</b>			
Lat: <b>47.658620</b>			
Long: <b>117.449600</b>			
Associated Flow Gage ID:			
Gage Flow (cfs):			
Comments:			

Habitat Observations							
SKY CODE:	NA	Clear	Partly Cloudy	<u>Overcast</u>	Fog	Smoky	Hazy
PRECIPITATION:	NA	<u>None</u>	Fog	Drizzle	Rain	Snow	
WATERCOLOR:	<u>Colorless</u>	Green	Yellow	Brown	Other:		
WATERODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other:
SITE ODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Smoke	Other:	
OTHER OBSERVATIONS:							

Field Measurements								
PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (ntu)	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<b>6.274</b>	<b>7.66</b>	<b>97.5</b>	<b>0.24</b>	<b>12.33</b>	<b>3</b>	<b>1.5</b>	
Instrument:	<b>YSI-EXO</b>							
Calib. Date:								

Sample Location Description:

Notes:

---





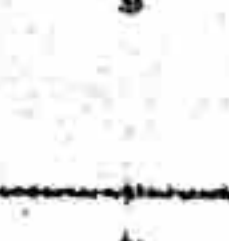

---



---

Data Recorder Initials: **JJ**



Field Log Sheet		Photo Descriptions
Station ID: <u>SR4</u>	Personnel: <u>JS, JS, CF</u>	   
Date: <u>12/13/16</u>	(Initials):	
Arrival Time: <u>1115</u>		
Departure Time: <u>1135</u>		
Positioning		
GPS Device: <u>Trimble DGPS</u>		
Datum: <u>WGS84</u>		
Lat: <u>47.678330</u>		
Long: <u>117.362800</u>		
Associated Flow Gage ID:		
Gage Flow (cfs):		
Comments:		

Habitat Observations							
SKY CODE	NA	Clear	Partly Cloudy	<u>Overcast</u>	Fog	Smoky	Hazy
PRECIPITATION	NA	<u>None</u>	Fog	Drizzle	Rain	Snow	
WATER COLOR	<u>Colorless</u>	Green	Yellow	Brown	Other:		
WATER ODOR	<u>None</u>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other:
SITE ODOR	<u>None</u>	Sulfides	Sewage	Petroleum	Smoke	Other:	
OTHER OBSERVATIONS:							

Field Measurements								
PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (NTU)	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<u>6.394</u>	<u>7.48</u>	<u>96.0</u>	<u>0.25</u>	<u>10.74</u>	<u>3</u>	<u>1.5</u>	
Instrument:	<u>YSI-EXO</u>							
Calib. Date:								

Sample Location Description:

Notes:

---



---





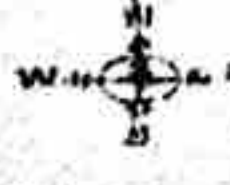

---



---

Data Recorder Initials: JS



Field Log Sheet		Photo Descriptions
Station ID: <u>SR7</u>	Personnel: <u>JS, JS, CF</u>	
Date: <u>12/13/16</u>	(Initials):	
Arrival Time: <u>1010</u>		
Departure Time: <u>1030</u>		
Positioning		
GPS Device: <u>Trimble DGPS</u>		
Datum: <u>WGS84</u>		
Lat: <u>47.67370</u>		
Long: <u>117.242000</u>		
Associated Flow Gage ID:		
Gage Flow (cfs):		
Comments:		

Habitat Observations							
SKY CODE:	NA	Clear	Partly Cloudy	<u>Overcast</u>	Fog	Shaky	Hazy
PRECIPITATION:	NA	<u>None</u>	Fog	Drizzle	Rain	Snow	
WATERCOLOR:	<u>Colorless</u>	Green	Yellow	Brown	Other:		
WATERODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other:
SITE ODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Smoke	Other:	
OTHER OBSERVATIONS:							

Field Measurements								
PARAMETER	Water Temp (°C)	pH	Specific Conductivity (µS/cm)	Turbidity (ntu) <u>FTU</u>	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<u>6.25</u>	<u>7.42</u>	<u>89.9</u>	<u>0.55</u>	<u>10.94</u>	<u>3</u>	<u>1.5</u>	
Instrument:	<u>YSI EXO</u>							
Calib. Date:								

Sample Location Description:

Notes:

---



---





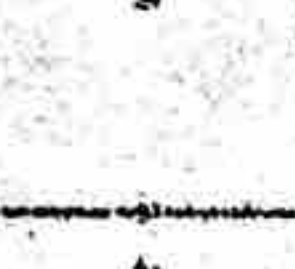
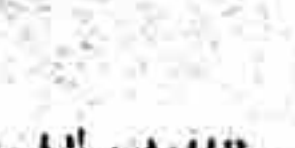
---



---

Data Recorder Initials: JS



Field Log Sheet		Photo Descriptions	
Station ID: <b>SR 15</b>	Personnel: <b>JS, JS, CF</b>	   	
Date: <b>12/13/16</b>	(Initials):		
Arrival Time: <b>0830</b>			
Departure Time: <b>0905</b>			
Positioning			
GPS Device: Trimble DGPS			
Datum: <b>WGS84</b>			
Lat: <b>47.678720</b>			
Long: <b>116.799900</b>			
Associated Flow Gage ID:			
Gage Flow (cfs):			
Comments:			

Habitat Observations							
SKY CODE:	NA	Clear	Partly Cloudy	<b>Overcast</b>	Fog	Smokey	Hazy
PRECIPITATION:	NA	<b>None</b>	Fog	Drizzle	Rain	Snow	
WATERCOLOR:	<b>Colorless</b>	Green	Yellow	Brown	Other:		
WATERODOR:	<b>None</b>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other:
SITE ODOR:	<b>None</b>	Sulfides	Sewage	Petroleum	Smoke	Other:	
OTHER OBSERVATIONS:							

Field Measurements								
PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity <del>NTU</del> FNU	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)	Comments
Measurement	<b>5.750</b>	<b>6.81</b>	<b>529</b>	<b>0.15</b>	<b>10.41</b>	<b>3</b>	<b>1.5</b>	
Instrument:	<b>YSI EXO</b>							
Calib. Date:								

Sample Location Description:	

Notes:

---



---




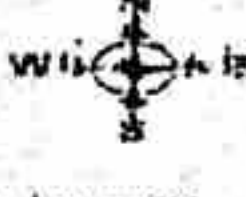
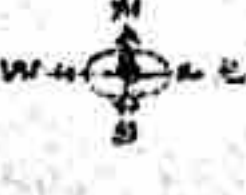

---



---

Data Recorder Initials: **JS**



Field Log Sheet		Photo Descriptions
Station ID: <b>HC1</b>	Personnel: <b>JJ, JJ, CF</b>	
Date: <b>12/13/16</b>	(initials):	
Arrival Time: <b>1510</b>		
Departure Time: <b>1530</b>		
Positioning		
GPS Device: <b>Trimble DGPS</b>		
Datum: <b>WGS84</b>		
Lat: <b>47.652830</b>		
Long: <b>117.447900</b>		
Associated Flow Gage ID:		
Gage Flow (cfs):		
Comments:		
		

Habitat Observations							
SKY CODE:	NA	Clear	Partly Cloudy	<u>Overcast</u>	Fog	Sinky	Hazy
PRECIPITATION:	NA	<u>None</u>	Fog	Drizzle	Rain	Snow	
WATERCOLOR:	<u>Colorless</u>	Green	Yellow	Brown	Other		
WATERODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Mixed	Decay	Other
SITE ODOR:	<u>None</u>	Sulfides	Sewage	Petroleum	Smoke	Other	
OTHER OBSERVATIONS:							

Field Measurements							
PARAMETER	Water Temp (°C)	pH	Specific Conductivity (uS/cm)	Turbidity (NTU)	DO (mg/L)	Water Depth (ft)	Depth of measurement (ft)
Measurement	<b>0.346</b>	<b>7.86</b>	<b>249.6</b>	<b>8.33</b>	<b>13.60</b>	<b>2.5</b>	<b>1</b>
Instrument:	<b>YSI-EXO</b>						
Calib. Date:							

Sample Location Description:

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Data Recorder Initials: **JJ**



## **APPENDIX B – CHAIN-OF-CUSTODY FORMS**



**AXYS**Axys Analytical  
Services Ltd2045 Mills Road West TEL: (250) 655-5800  
Sidney, British Columbia, Canada V8L 5X2 FAX: (250) 655-5811**CHAIN OF CUSTODY**

AXYS CLIENT #:

<b>REPORT TO:</b>			<b>INVOICE TO:</b>				<b>ANALYSIS REQUESTED</b>																													
Company <u>Gravity Consulting</u>			Company <u>SRRTTE</u>				<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-right: 10px;">PCB</div> <table border="1" style="width: 100%; height: 100%;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> </div>																													
Address <u>32617 se 44th St</u>			Address <u>Kaiser</u>																																	
<u>Fall City, WA 98024</u>			<u>Attn: PO Box 3565</u>																																	
Contact <u>Shawn Hinz</u>			Contact <u>Bud Lebar</u>																																	
Phone <u>425-281-1471</u>			Phone <u>509-928 6554</u>																																	
FAX			FAX																																	
E-mail <u>shawn@gravitycon.com</u>			E-mail																																	
Project Name/Number:			Sampler's Name:																																	
			Signature:																																	
Client Sample Identification	Matrix	Sampling Date	Sampling Time	Container Type/No.	Preservative Y / N	AXYS Lab ID Lab use only																														
SR15-032416-0930	w	3/24/16	0930	1	N		X																													
DUP-1-032416-0935	w	3/24/16	0935	1	N		X																													
SR7-032416-1055	w	SAME	1055	1	N		X																													
SR4-032416-1145	w	↓	1145	1	N		X																													
HC1-032416-1355	w		1355	1	N		X																													
SR3-032416-1325	w		1325	1	N		X																													
SR1-032416-1445	w		1445	1	N		X																													
TRIP-032416	w		-	1	N		X																													
Relinquished by (Signature)	Date	Time	Received by (Signature)			Courier	Waybill No.																													
<u>Shawn Hinz</u>	<u>3/28/16</u>	<u>11:40</u>	Date			Time																														
Relinquished by (Signature)	Date	Time	Received by (Signature)			Sample Receipt																														
			Date									Time																								
Remarks / Type Of Preservative						Cooler																														
						Temp °C																														
						Custody Seal #																														
						Seal Intact Y / N																														
						Sample Tags Y / N																														



**AXYS**Axys Analytical  
Services Ltd**CHAIN OF CUSTODY**2045 Mills Road West TEL: (250) 655-5800  
Sidney, British Columbia, Canada V8L 5X2 FAX: (250) 655-5811

AXYS CLIENT #:

4826

<b>REPORT TO:</b>			<b>INVOICE TO:</b>				<b>ANALYSIS REQUESTED</b>				
Company <u>Coeur d'Alene WWTP</u>			Company <u>Same as report to</u>				PCB congeners				
Address <u>765 W. Hubbard Ave</u>			Address								
<u>Coeur d'Alene, ID US</u>											
<u>83814</u>											
Contact <u>Don Keil</u>			Contact								
Phone <u>208-769-2281</u>			Phone								
FAX			FAX								
E-mail <u>don.keil@cdaid.org</u>			E-mail								
Project Name/Number:			Sampler's Name: <u>Jeff Schur</u>								
Signature: <u>[Signature]</u>											
Client Sample Identification	Matrix	Sampling Date	Sampling Time	Container Type/No.	Preservative Y/N	AXYS Lab ID Lab use only					
<u>CD1-052516</u>	<u>SW</u>	<u>05/25/16</u>	<u>0950</u>	<u>2</u>	<u>Ice</u>		<u>X</u>				
<u>CD2-052516</u>	<u>SW</u>	<u>05/25/16</u>	<u>0930</u>	<u>2</u>	<u>Ice</u>		<u>X</u>				
<u>CD3-052516</u>	<u>SW</u>	<u>05/25/16</u>	<u>0855</u>	<u>2</u>	<u>Ice</u>		<u>X</u>				
<u>CD4-052516</u>	<u>SW</u>	<u>05/25/16</u>	<u>1120</u>	<u>2</u>	<u>Ice</u>		<u>X</u>				
<u>FB1-052516</u>	<u>SW</u>	<u>05/25/16</u>	<u>1115</u>	<u>2</u>	<u>Ice</u>		<u>X</u>				
Relinquished by (Signature)	Date	Time	Received by (Signature)			Courier	Waybill No.				
<u>[Signature]</u>	<u>5/25/16</u>	<u>1300</u>	Date			<u>FedEx</u>					
Relinquished by (Signature)	Date	Time	Received by (Signature)			Sample Receipt					
			Date								
Remarks / Type Of Preservative						Cooler					
<u>Ice / 3 coolers</u>						Temp °C					
						Custody Seal #					
						Seal Intact Y/N					
						Sample Tags Y/N					



**AXYS**Axys Analytical  
Services Ltd

1 of 1

**CHAIN OF CUSTODY**2045 Mills Road West TEL: (250) 655-5800  
Sidney, British Columbia, Canada V8L 5X2 FAX: (250) 655-5811

AXYS CLIENT #:

4795

<b>REPORT TO:</b>			<b>INVOICE TO:</b>			<b>ANALYSIS REQUESTED</b>				
Company <u>Kaiser Aluminum</u>			Company <u>SRRTTF-ACE</u>			PCB - congeners				
Address <u>PO Box 3965</u>			Address <u>PO Box 3965</u>							
<u>Spokane, WA 99220</u>			<u>Spokane, WA 99220</u>							
Contact <u>Bud Leber</u>			Contact <u>Bud Leber</u>							
Phone <u>509-927-6554</u>			Phone <u>509-927-6554</u>							
FAX			FAX							
E-mail <u>bud.leber@kaisertwd.com</u>			E-mail <u>bud.leber@kaisertwd.com</u>							
Project Name/Number:			Sampler's Name:							
			Signature:							
Client Sample Identification	Matrix	Sampling Date	Sampling Time	Container Type/No.	Preservative Y/N	AXYS Lab ID Lab use only				
<u>SR15-052416-0835</u>	<u>SW</u>	<u>5/24/16</u>	<u>0835</u>		<u>ICE</u>		<u>X</u>			
<u>SR7-052416-0950</u>	<u>SW</u>	<u> </u>	<u>0950</u>		<u> </u>		<u>X</u>			
<u>SR4-052416-1030</u>	<u>SW</u>	<u> </u>	<u>1030</u>		<u> </u>		<u>X</u>			
<u>SR1-052416-1300</u>	<u>SW</u>	<u> </u>	<u>1300</u>		<u> </u>		<u>X</u>			
<u>Dup 1 - 052416</u>	<u>SW</u>	<u> </u>	<u>1040</u>		<u> </u>		<u>X</u>			
<u>SR3-052416-1400</u>	<u>SW</u>	<u> </u>	<u>1400</u>		<u> </u>		<u>X</u>			
<u>HC1-052416-1430</u>	<u>SW</u>	<u> </u>	<u>1430</u>		<u> </u>		<u>X</u>			
<u>BLANK-052416-1050</u>	<u>SW</u>	<u>5/24/16</u>	<u>1050</u>		<u> </u>		<u>X</u>			
<del>_____</del>										
<del>_____</del>										
Relinquished by (Signature)		Date	Time	Received by (Signature)		Courier	Waybill No.			
						<u>Fed Ex</u>				
Relinquished by (Signature)		Date	Time	Received by (Signature)		Sample Receipt				
Remarks / Type Of Preservative						Temp °C		Cooler		
						Custody Seal #				
						Seal Intact Y/N				
						Sample Tags Y/N				



**AXYS**Axys Analytical  
Services Ltd**CHAIN OF CUSTODY**

2045 Mills Road West TEL: (250) 655-5800

Sidney, British Columbia, Canada V8L 5X2 FAX: (250) 655-5811

AXYS CLIENT #:

REPORT TO:			INVOICE TO:				ANALYSIS REQUESTED				
Company	Kaiser Aluminum		Company	SARTIF-ACE			PCB - Congeners				
Address	P.O. Box 3965 Seakome WA 99220		Address	P.O. Box 3965 Seakome WA 99220							
Contact	Bud Leber		Contact	Bud Leber							
Phone	509 927 6554		Phone	509 927 6554							
FAX			FAX								
E-mail	bud.leber@kaiser-twd.com		E-mail	bud.leber@kaiser-twd.com							
Project Name/Number:			Sampler's Name: Jeff Schmitt								
Signature:											
Client Sample Identification	Matrix	Sampling Date	Sampling Time	Container Type/No.	Preservative Y/N	AXYS Lab ID Lab use only					
SR1-061616-0722	W	06/16/16	0722	Glass/1	W		X				
BLANK 1-0733	W	06/16/16	0730	Glass/1	N		X				
HC1-061616-0827	W	06/16/16	0827	Glass/1	N		X				
SR2-061616-0849	W	06/16/16	0849	Glass/1	N		X				
Dupe 1 061616	W	06/16/16		Glass/1	N		X				
SR4-061616-0945	W	6/16/16	0945	Glass/1	N		X				
SR7-061616-1025	W	6/16/16	1025	Glass/1	W		X				
SR15-061616-1133	W	6/16/16	1133	Glass/1	N		X				
Relinquished by (Signature)			Date	Time	Received by (Signature)		Courier	Waybill No.			
			6/16/16	1330			FedEx				
Relinquished by (Signature)			Date	Time	Received by (Signature)		Sample Receipt				
			Date	Time							
Remarks / Type Of Preservative					Cooler						
					Temp °C						
					Custody Seal #						
					Seal Intact Y/N						
					Sample Tags Y/N						

SR3 →





ARYS

## CHAIN OF CUSTODY RECORD

Page 1 of 1

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

FOR SVL USE ONLY  
SVL JOB #

TEMP on Receipt:

## Table 1. — Matrix Type

1 = Surface Water, 2 = Ground Water

3 = Soil, 4 = Sediment, 5 = Rock, 6 = Rinsate, 7 = Oil

8 = Waste, 9 = Other: \_\_\_\_\_

Report to Company: Kaiser Aluminum  
Contact: Bud Leber  
Address: PO Box 3965  
Phone Number: 509 927 6554  
FAX Number: \_\_\_\_\_  
E-mail: bud.leber@kaiserfwd.com

Invoice Sent To: SRRTTF-ACE  
Contact: Bud Leber  
Address: PO Box 3965  
Phone Number: 509 927 6554  
FAX Number: \_\_\_\_\_  
PO#: \_\_\_\_\_

Project Name: SRRTTFSampler's Signature: [Signature]Indicate State of sample origination: ID/WA

Sample ID	Collection		Misc.	Preservative(s)								Analyses Required	Rush Instructions (Days)	Comments		
	Date	Time		Collected by: (Init.)	Matrix Type (From Table 1)	No. of Containers	Unpreserved / Ice	HNO <sub>3</sub> Filtered	HNO <sub>3</sub> Unfiltered	HCl	H <sub>2</sub> SO <sub>4</sub>				NaOH	Other (Specify)
1	SR15-102616-0900	12/26/16	0900	JS	1	1	X							X		
2	SR7-102616-1025		1025	JS	1	1	X							X		
3	SR4-102616-1120		1120	JS	1	1	X							X		
4	BLANK-102616		-	JS	1	1	X							X		
5	SR1-102616-1320		1320	JS	1	1	X							X		
6	Duplicate 1		-	JS	1	1	X							X		
7	SR3-102616-1500		1500	JS	1	1	X							X		
8	HCL-102616-1415		1415	JS	1	1	X							X		
9																
10																

Relinquished by: [Signature] Date: 12/27/16 Time: 1230 Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

\* Sample Reject:

☐ Return☐ Dispose☐ Store (30 Days)

White: LAB COPY

Yellow: CUSTOMER COPY

SVL-COC 01/14

shipped Fed Ex



**AXYS**Axys Analytical  
Services Ltd2045 Mills Road West TEL: (250) 655-5800  
Sidney, British Columbia, Canada V8L 5X2 FAX: (250) 655-5811**CHAIN OF CUSTODY**

AXYS CLIENT #:

4826

<b>REPORT TO:</b>			<b>INVOICE TO:</b>				<b>ANALYSIS REQUESTED</b>			
Company <u>Coeur d'Alene WWTTP</u>			Company <u>SAME AS</u>				PCB Congeners			
Address <u>765 W. Hubbard Ave.</u>			Address <u>REPORT TO</u>							
<u>Coeur d'Alene, ID USA</u>										
<u>83814</u>										
Contact <u>Don Keil</u>			Contact							
Phone <u>208-769-2281</u>			Phone							
FAX			FAX							
E-mail <u>don.keil@cdaid.org</u>			E-mail							
Project Name/Number:			Sampler's Name: <u>Jeff Schut / Gravity Consulting</u>							
Signature: <u>[Signature]</u>			Signature:							
Client Sample Identification	Matrix	Sampling Date	Sampling Time	Container Type/No.	Preservative	AXYS Lab ID				
					Y/N	Lab use only				
CD1-102716	SW	10/27/16	1015	2	ICE		X			
CD2-102716	SW	10/27/16	0935	2	ICE		X			
CD3-102716	SW	10/27/16	0840	2	ICE		X			
CD4-102716	SW	10/27/16	1125	2	ICE		X			
Relinquished by (Signature)		Date	Time	Received by (Signature)		Courier		Waybill No.		
<u>[Signature]</u>		<u>10/27/16</u>	<u>1230</u>	<u>[Signature]</u>		<u>FedEx</u>				
Relinquished by (Signature)		Date	Time	Received by (Signature)		Sample Receipt				
Remarks / Type Of Preservative				Date		Time				
<u>ICE / 2 coolers</u>										
								Cooler		
						Temp °C				
						Custody Seal #				
						Seal Intact		Y / N		
						Sample Tags		Y / N		



**AXYS**Axys Analytical  
Services Ltd**CHAIN OF CUSTODY**2045 Mills Road West TEL: (250) 655-5800  
Sidney, British Columbia, Canada V8L 5X2 FAX: (250) 655-5811

AXYS CLIENT #:

4876

<b>REPORT TO:</b>			<b>INVOICE TO:</b>				<b>ANALYSIS REQUESTED</b>				
Company <u>Kaiser Aluminum</u>			Company <u>SRRTTF-ACE</u>				PCB- congeners				
Address <u>PO Box 3965</u>			Address <u>PO. Box 3965</u>								
<u>Spokane, WA 99220</u>			<u>Spokane, WA 99220</u>								
Contact <u>Bud Leber</u>			Contact								
Phone <u>509 927 6554</u>			Phone <u>509 927 6554</u>								
FAX			FAX								
E-mail <u>bud.leber@kaisertud.com</u>			E-mail <u>bud.leber@kaisertud.com</u>								
Project Name/Number:			Sampler's Name:								
			Signature:								
Client Sample Identification	Matrix	Sampling Date	Sampling Time	Container Type/No.	Preservative Y/N	AXYS Lab ID Lab use only					
SR15-121316-0855	SW	12/13/16	0855	1	N-ICE		X				
SR7-121316-0855 1020	SW	12/13/16	1020	1	N-ICE		X				
SR4-121316-1125	SW	12/13/16	1125	1	N-ICE		X				
BLANK 1 -121316	W	12/13/16	-	1	N-ICE		X				
SR1-121316-1420	SW	12/13/16	1420	1	N-ICE		X				
HG 1-121316-1520	SW	12/13/16	1520	1	N-ICE		X				
SR3-121316-1550	SW	12/13/16	1550	1	N-ICE		X				
Dup 1 -121316	SW	12/13/16	-	1	N-ICE		X				
Relinquished by (Signature) <u>[Signature]</u>			Date <u>12/13/16</u>			Time <u>1640</u>			Received by (Signature)		
									Date		
									Time		
Relinquished by (Signature)			Date			Time			Received by (Signature)		
									Date		
									Time		
Remarks / Type Of Preservative									Courier <u>FedEx</u>		
									Waybill No.		
									Sample Receipt		
									Cooler		
									Temp °C		
									Custody Seal #		
									Seal Intact Y/N		
									Sample Tags Y/N		

SR7-121316-1020





# CHAIN OF CUSTODY RECORD

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

Page 1 of 2

FOR SVL USE ONLY  
SVL JOB #

TEMP on Receipt:

## Table 1. - Matrix Type

1 = Surface Water, 2 = Ground Water  
3 = Soil, 4 = Sediment, 5 = Rock, 6 = Rinsate, 7 = Oil  
8 = Waste, 9 = Other: 1

Report to Company: SRRTTF  
Contact: BUD LEBER  
Address: PO Box 3565  
SPOKANE WA 99220  
Phone Number: 509 927 6554  
FAX Number: \_\_\_\_\_  
E-mail: BUD.LEBER@KAISERTWD.com

Invoice Sent To: \_\_\_\_\_  
Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
FAX Number: \_\_\_\_\_  
PO#: \_\_\_\_\_

*SAME*

Project Name: SRRTTF

Sampler's Signature: *[Signature]*

Indicate State of sample origination: WA & ID

Sample ID	Collection		Misc.	Preservative(s)							Analyses Required					Rush Instructions (Days)	Comments						
	Date	Time		Collected by: (Init.)	Matrix Type (From Table 1)	No. of Containers	Unpreserved	HNO <sub>3</sub> Filtered	HNO <sub>3</sub> Unfiltered	HCl	H <sub>2</sub> SO <sub>4</sub>	NaOH	Other (Specify)	TOC	DIC			TSS	TDS	Archive	PCB		
1 SR15-032416-0930	3/24/16	0930	JS	1	4	3				1				1	1	1	1						
2 SR15-032416-0930	3/24/16	0930	JS	1	1	1												1					hold for Archive
3 Dup 1-032416-0930	3/24/16	0930	JS	1	4	3				1				1	1	1	1						hold for Archive
4 Dup 1-032416-0930	3/24/16	0930	JS	1	1	1												1					hold for Archive
5 SR7-032416-1055	3/24/16	1055	JS	1	4	3				1				1	1	1	1						hold for Archive
6 SR7-032416-1055	3/24/16	1055	JS	1	1	1												1					hold for Archive
7 SR4-032416-1145	3/24/16	1145	JS	1	4	3				1				1	1	1	1						hold for Archive
8 SR4-032416-1145	3/24/16	1145	JS	1	1	1												1					hold for Archive
9 HC1-032416-1355	3/24/16	1355	JS	1	4	3				1				1	1	1	1						hold for Archive
10 HC1-032416-1355	3/24/16	1355	JS	1	1	1												1					hold for Archive

Relinquished by: *[Signature]* Date: 3/25/16 Time: 0800 Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

\* Sample Reject: ☐ Return ☐ Dispose ☐ Store (30 Days)

White: LAB COPY Yellow: CUSTOMER COPY

SVL-COC 01/14



SVL-COC 01/14





# CHAIN OF CUSTODY RECORD

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

Page 1 of 2

FOR SVL USE ONLY  
SVL JOB #

TEMP on Receipt: 20°C

## Table 1. -- Matrix Type

1 = Surface Water, 2 = Ground Water  
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil  
6 = Waste, 7 = Other

<b>Report to Company:</b> <u>Kaiser Aluminum</u>	<b>Invoice Sent To:</b> <u>SRRTTF - ACE</u>
<b>Contact:</b> <u>Bud Leber</u>	<b>Contact:</b> <u>PO Box 3965</u>
<b>Address:</b> <u>PO Box 3965</u>	<b>Address:</b> <u>Spokane, WA 99220</u>
<u>Spokane WA 99220</u>	<u>Bud Leber</u>
<b>Phone Number:</b> <u>509-927-6554</u>	<b>Phone Number:</b> <u>509-927-6554</u>
<b>FAX Number:</b>	<b>FAX Number:</b>
<b>E-mail:</b> <u>bud.leber@kaiser-twd.com</u>	<b>PO#:</b>

Indicate State of sample origination: ID/WA

## Analyses Required

SRRTTF  
May 2016  
Field Sheets &  
COCs

Sample ID	Collection		Misc.	Preservative(s)		Matrix Type (From Table 1)	No. of Containers	Unpreserved DOC, TSS/TDS	HNO <sub>3</sub> Filtered	HNO <sub>3</sub> Unfiltered	HCl	H <sub>2</sub> SO <sub>4</sub>	NaOH	Other (Specify)	TDC	DOC	TSS/TDS	PCBs (Archive/hold)
	Date	Time																
1 SR15-052416-0835	5/24/16	0835	SS	1	6	X	X	X							X	X	X	
2 SR15-052416-0835	5/24/16	0835	SS	1	1	X												X
3 SR7-052416-0950	5/24/16	0950	SS	1	6	X	2	2	X						X	X	X	
4 SR7-052416-0950	5/24/16	0950	SS	1	1	X												X
5 SR4-052416-1030	5/24/16	1030	SS	1	6	X						X			X	X	X	
6 SR4-052416-1030	5/24/16	1030	SS	1	1	X												X
7 Dup 10052416	5/24/16	1040	SS	1	6	X						X			X	X	X	
8																		
9 SR1-052416-1300	5/24/16	1300	SS	1	6	X						X			X	X	X	
10 SR1-052416-1300	5/24/16	1300	SS	1	1	X												X

Relinquished by: [Signature] Date: 5/25/16 Time: 0710 Received by: Upham Date: 05/25/16 Time: 0740

Relinquished by: [Signature] Date: 5/25/16 Time: 0710 Received by: Upham Date: 05/25/16 Time: 0740

\* Sample Reject:

☐ Return

☐ Dispose

☐ Store (30 Days)

White: LAB COPY

Yellow: CUSTOMER COPY

SVL-COC 9/05





# CHAIN OF CUSTODY RECORD

Page 2 of 2

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

FOR SVL USE ONLY  
SVL JOB #

TEMP on Receipt: 2°C

## Table 1. -- Matrix Type

1 = Surface Water, 2 = Ground Water  
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil  
6 = Waste, 7 = Other

Report to Company: Kaiser Aluminum  
Contact: Bud Leber  
Address: PO Box 3965  
Spokane, WA 99220  
Phone Number: 509-927-6554  
FAX Number: \_\_\_\_\_  
E-mail: bud.leber@kaisertmd.com

Invoice Sent To: SRRTTF-ACE  
Contact: Bud Leber  
Address: SB PO Box 3965  
Spokane, WA 99220  
Phone Number: 509-927-6554  
FAX Number: \_\_\_\_\_  
PO#: \_\_\_\_\_

Project Name: SRRTTF

Sampler's Signature: [Signature]

Indicate State of sample origination: WA

Sample ID	Collection		Misc.	Preservative(s)								Analyses Required		Rush Instructions (Days)	Comments			
	Date	Time		Collected by: (Init.)	Matrix Type (From Table 1)	No. of Containers	Unpreserved	HNO <sub>3</sub> Filtered	HNO <sub>3</sub> Unfiltered	HCl	H <sub>2</sub> SO <sub>4</sub>	NaOH	Other (Specify)			TOC	DOC	TSS/TDS
1	SR3-052416-1400	5/24/16 1400	SS	1	6	X				X			X	X	X			
2	SR3-052416-1400	5/24/16 1400	SS	1	1	X										X		hold for archive
3	HC1-052416-1430	5/24/16 1430	S	1	6	X				X			X	X	X			
4	HC1-052416-1430	5/24/16 1430	SS	1	1	X										X		hold for archive
5																		
6																		
7																		
8																		
9																		
10																		

Relinquished by: [Signature] Date: 5/25/16 Time: 0740 Received by: [Signature] Date: 05/25/16 Time: 0740

Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

\* Sample Reject: ☐ Return ☐ Dispose ☐ Store (30 Days)

White: LAB COPY Yellow: CUSTOMER COPY

SVL-COC 9/05



SVL-COC 01/14







SVL-COC 01/14





## CHAIN OF CUSTODY RECORD

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

TEMP on Receipt: 9°C

## Table 1. -- Matrix Type

1 = Surface Water, 2 = Ground Water

3 = Soil, 4 = Sediment, 5 = Rock, 6 = Rinsate, 7 = Oil

8 = Waste, 9 = Other: \_\_\_\_\_

Report to Company: Kaiser AluminumContact: Bud LeberAddress: PO Box 3965Phone Number: 509 927 6554

FAX Number: \_\_\_\_\_

E-mail: bud.leber@kaiseralum.comInvoice Sent To: SRRTTF-ACEContact: Bud LeberAddress: Same as Report to

Phone Number: \_\_\_\_\_

FAX Number: \_\_\_\_\_

PO#: \_\_\_\_\_

Project Name: SRRTTFSampler's Signature: [Signature]Indicate State of sample origination: ID/WA

Sample ID	Collection		Misc.	Preservative(s)							Analyses Required	Rush Instructions (Days)	Comments	
	Date	Time		Collected by: (Init.)	Matrix Type (From Table 1)	No. of Containers	Unpreserved	HNO <sub>3</sub> Filtered	HNO <sub>3</sub> Unfiltered	HCl				H <sub>2</sub> SO <sub>4</sub>
Please take care to distinguish between: 1 and I 2 and Z 5 and S 0 and O														
Thanks!														
1														
2	<u>SR15-102616-0900</u>	<u>10/26/16 0900</u>	<u>JS</u>	<u>1</u>	<u>1</u>	<u>X</u>							<u>X</u>	<u>Hold for Archive</u>
3	<u>SR7-102616-1025</u>	<u>10/26/16 1025</u>	<u>JS</u>	<u>1</u>	<u>1</u>	<u>X</u>							<u>X</u>	
4	<u>SR4-102616-1120</u>	<u>10/26/16 1120</u>	<u>JS</u>	<u>1</u>	<u>1</u>	<u>X</u>							<u>X</u>	
5	<u>SR1-102616-1320</u>	<u>10/24/16 1320</u>	<u>JS</u>	<u>1</u>	<u>1</u>	<u>X</u>							<u>X</u>	
6	<u>Duplicate 1</u>	<u>10/26/16</u>	<u>JS</u>	<u>1</u>	<u>1</u>	<u>X</u>							<u>X</u>	
7	<u>HC1-102616-1415</u>	<u>10/26/16 1415</u>	<u>JS</u>	<u>1</u>	<u>1</u>	<u>X</u>							<u>X</u>	
8	<u>SR3-102616-1500</u>	<u>10/26/16 1500</u>	<u>JS</u>	<u>1</u>	<u>1</u>	<u>X</u>							<u>X</u>	
9														
10														

Relinquished by: [Signature]Date: 10/26/16Time: 1615Received by: [Signature]Date: 10/26/16Time: 1615

Relinquished by: \_\_\_\_\_

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Received by: \_\_\_\_\_

Date: \_\_\_\_\_

Time: \_\_\_\_\_

\* Sample Reject:

☐ Return☐ Dispose☐ Store (30 Days)

White: LAB COPY

Yellow: CUSTOMER COPY

SVL-COC 01/14





# CHAIN OF CUSTODY RECORD

Page 1 of 1

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83837 • (208) 784-1258 • FAX: (208) 783-0891

FOR SVL USE ONLY  
SVL JOB #

TEMP on Receipt:

## Table 1. -- Matrix Type

1 = Surface Water, 2 = Ground Water

3 = Soil, 4 = Sediment, 5 = Rock, 6 = Rinsate, 7 = Oil

8 = Waste, 9 = Other:

Report to Company: Kaiser Aluminum  
Contact: Bud Leber  
Address: PO Box 3965  
Spokane WA 99220  
Phone Number: 509 927 6554  
FAX Number: \_\_\_\_\_  
E-mail: bud.leber@kaiser-tud.com

Invoice Sent To: SRRTTF-ACE  
Contact: Bud Leber  
Address: PO Box 3965  
Spokane, WA 99220  
Phone Number: 509 927 6554  
FAX Number: \_\_\_\_\_  
PO#: \_\_\_\_\_

Project Name: SRRTTF

Sampler's Signature: [Signature]

Indicate State of sample origination: ID/WA

Sample ID	Collection		Misc.	Preservative(s)								Rush Instructions (Days)	Comments		
	Date	Time		Collected by: (Init.)	Matrix Type (From Table 1)	No. of Containers	Unpreserved	HNO <sub>3</sub> Filtered	HNO <sub>3</sub> Unfiltered	HCl	H <sub>2</sub> SO <sub>4</sub>			NaOH	Other (Specify)
Please take care to distinguish between: 1 and I 2 and Z 5 and S Ø and O Thanks!															
1	SR15-121316-0855	12/13/16 0855	SS	17	X					X	X	X	X		SVL runs TOC, DOC, TSS, TDS  Amber jar is to be held for archive only
2	SR7-121316-1020	12/13/16 1020	SS	17	X					X	X	X	X		
3	SR4-121316-1125	12/13/16 1125	SS	17	X					X	X	X	X		
4	SR1-121316-1420	12/13/16 1420	SS	17	X					X	X	X	X		
5	HC1-121316-1520	12/13/16 1520	SS	17	X					X	X	X	X		
6	SR3-121316-1550	12/13/16 1550	SS	17	X					X	X	X	X		
7	Dup 1-121316	12/13/16 -	SS	16	X					X		X			
8															
9															
10															

Relinquished by: <u>John Schuch</u>	Date: <u>12/14/16</u>	Time: <u>0740</u>	Received by: <u>Johann</u>	Date: <u>12/14/16</u>	Time: <u>0740</u>
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____

\* Sample Reject: ☐ Return ☐ Dispose ☐ Store (30 Days)

White: LAB COPY Yellow: CUSTOMER COPY

SVL-COC 01/14