

731 I Street Suite 203 Anchorage 99501

November 17, 2010

Doyon Utilities LLC PO Box 5469 Fort Richardson, AK 99505

Attention: Mack Miessner

Reference: PCB Test results

Project Location: Building 772, Ft Richardson, AK

Background

Building 772 is diesel powered electrical generating facility. Based on the age of the facility it is reasonable to assume PCBs were once used in the facility. On October 19, WEC collected 9 wipe samples and one bulk sample. The purpose of this sampling was cursory in nature. Visually stained concrete was targeted for wipe sampling. Not all visually stained areas were sampled. The wipe samples were collected from various locations with a wipe area of 100 square centimeters. The bulk sample was collected outside the building from an area of visually stained soil.

Findings

Results indicate PCBs have been spilled in the past use of this facility. <u>The concentrations</u> detected by wipe methods exceed the continued use level of $10\mu g/100 \text{cm}^2$ (40 CFR 761.30(p). <u>This facility should not be entered or occupied until the facility is decontaminated and post-</u>cleaning sampling confirms PCB concentrations are below reuse or continued use criteria.

The sample results are summarized in the following table.

| Sample ID # | Location / Surface | Results (µg/wipe) |
|-------------|---|----------------------|
| 110W-01 | East end of building at door / concrete | 35.6 |
| 110W-02 | At air compressor SE end of building / concrete | 21.9 |
| 110W-03 | North end of generator foundation east end of building / concrete | 49.5 |
| 110W-04 | North east end of building in conduit trench / concrete | 531 |
| 110W-05 | North end of generator foundation center generator / concrete | 126 |
| 110W-06 | At back-up generator in conduit trench / concrete | 806000 |
| 110W-07 | Switch gear rack / metal frame | 12500 |
| 110W-08 | South side of main generator #2 / concrete | 1040 |

| 110W-09 | SW blower foundation / concrete | 244 |
|---------|-----------------------------------|------|
| 110W-10 | At south man door entrance / soil | 181 |
| 110W-11 | Field Blank | 1.59 |

Recommendations

The structure currently is scheduled for demolition so cleaning for continued use may not be appropriate. Further investigation will be required to fully assess contamination of concrete, equipment and also the wood structure itself.

Significantly more information will be needed to accurately determine the extent of contamination. Once the extent of the contamination is known, decontamination, demolition and disposal plans can be developed.

Matt Whit e PE CIH White Environmental Consultants Inc 11-17-2010

Attachments: PCB wipe sample results



Matt White White Environmental Consultants, Inc. 731 I Street Suite 201 Anchorage, AK 99501

| Work Order: | 1105649 | |
|---------------------|---------------------------------|--|
| | Bldg 772 | Steven Crupi |
| Client: | White Environmental Consultants | 2010.11.08 Solitoritorization - Adda Dimitia Displayment - Adda Dimitia 10.49.09 -0.9'00' |
| Report Date: | November 08, 2010 | |

Enclosed are the analytical results associated with the above work order. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. If you have any questions regarding this report, or if we can be of any other assistance, please contact your SGS Project Manager at 907-562-2343. All work is provided under SGS general terms and conditions (<<u>http://www.sgs.com/terms_and_conditions.htm></u>), unless other written agreements have been accepted by both parties.

SGS maintains a formal Quality Assurance/Quality Control (QA/QC) program. A copy of our Quality Assurance Plan (QAP), which outlines this program, is available at your request. The laboratory certification numbers are AK00971 (DW Chemistry & Microbiology) & UST-005 (CS) for ADEC and AK100001 for NELAP (RCRA methods: 1020A, 1311, 3010A, 3050B, 3520C, 3550C, 5030B, 5035B, 6010B, 6020, 7470A, 7471B, 8021B, 8081B, 8082A, 8260B, 8270D, 8270D-SIM, 9040B, 9045C, 9056A, 9060A, AK101 and AK102/103). Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS QAP and, when applicable, the National Environmental Laboratory Accreditation Program and other regulatory authorities. The following descriptors or qualifiers may be found in your

| report: | * | The analyte has exceeded allowable regulatory or control limits. |
|---------|--------|--|
| | ļ | Surrogate out of control limits. |
| | В | Indicates the analyte is found in a blank associated with the sample. |
| | CCV | Continuing Calibration Verification |
| | CL | Control Limit |
| | D | The analyte concentration is the result of a dilution. |
| | DF | Dilution Factor |
| | DL | Detection Limit (i.e., maximum method detection limit) |
| | Е | The analyte result is above the calibrated range. |
| | F. | Indicates value that is greater than or equal to the DL |
| | GT | Greater Than |
| | ICV | Initial Calibration Verification |
| | J | The quantitation is an estimation. |
| | JL | The analyte was positively identified, but the quantitation is a low estimation. |
| | LCS(D) | Laboratory Control Spike (Duplicate) |
| | LOD | Limit of Detection (i.e., 2xDL) |
| | LOQ | Limit of Quantitation (i.e., reporting or practical quantitation limit) |
| | LT | Less Than |
| | Μ | A matrix effect was present. |
| | MB | Method Blank |
| | MS(D) | Matrix Spike (Duplicate) |
| | ND | Indicates the analyte is not detected. |
| | Q | QC parameter out of acceptance range. |
| | R | Rejected |
| | RPD | Relative Percent Difference |
| | U | Indicates the analyte was analyzed for but not detected. |
| | | |

Note: Sample summaries which include a result for "Total Solids" have already been adjusted for moisture content. All DRO/RRO analyses are integrated per SOP.



| SGS Ref.# | 1105649001 | | |
|------------------|---------------------------------|---------------------------|------------------|
| Client Name | White Environmental Consultants | Printed Date/Time | 11/08/2010 10:48 |
| Project Name/# | Bldg 772 | Collected Date/Time | 10/19/2010 15:00 |
| Client Sample ID | 11OW-01 | Received Date/Time | 10/19/2010 15:55 |
| Matrix | Wipes/Filters | Technical Director | Stephen C. Ede |
| | | | |

| Parameter | Results | LOQ | Units | Method | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|----------------------------------|---------|------|---------|---------|--------------|---------------------|-------------------|------------------|------|
| Polychlorinated Biphenyls | | | | | | | | | |
| Aroclor-1016 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1221 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1232 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1242 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1248 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1254 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1260 | 35.6 | 1.00 | ug/wipe | SW8082A | А | | 10/ 21 /10 | 10/26/10 | RTS |
| Surrogates | | | | | | | | | |
| Decachlorobiphenyl <surr></surr> | 92.7 | | % | SW8082A | А | 60-125 | 10/21/10 | 10/26/10 | RTS |



| SGS Ref.# | 1105649002 | |
|------------------|---------------------------------|--------------------------|
| Client Name | White Environmental Consultants | Printed Date/Tin |
| Project Name/# | Bldg 772 | Collected Date/T |
| Client Sample ID | 11OW-02 | Received Date/Ti |
| Matrix | Wipes/Filters | Technical Directo |
| | | |

| nical Director | Stephen C. Ede |
|----------------|------------------|
| ved Date/Time | 10/19/2010 15:55 |
| cted Date/Time | 10/19/2010 15:00 |
| ed Date/Time | 11/08/2010 10:48 |
| | |

| Parameter | Results | LOQ | Units | Method | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|----------------------------------|---------|------|---------|---------|--------------|---------------------|--------------|------------------|------|
| Polychlorinated Biphenyls | | • | | | | | | | |
| Aroclor-1016 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1221 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1232 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1242 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1248 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1254 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1260 | 21.9 | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Surrogates | | | • | | | | | | |
| Decachlorobiphenyl <surr></surr> | 90.8 | | % | SW8082A | А | 60-125 | 10/21/10 | 10/26/10 | RTS |



| SGS Ref.# Client Name Project Name/# Client Somple ID | 1105649003 White Environmental Consultants Bldg 772 | Printed Date/Time Collected Date/Time | 11/08/2010 10:48 10/19/2010 15:00 |
|--|---|--|--------------------------------------|
| Client Sample ID | 110W-03 | Received Date/Time | 10/19/2010 15:55 |
| Matrix | Wipes/Filters | Technical Director | Stephen C. Ede |

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| Parameter | Results | LOQ | Units | Method | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|----------------------------------|---------|------|---------|---------|--------------|---------------------|--------------|------------------|------|
| Polychlorinated Biphenyl | .5 | | | | | | | | |
| Aroclor-1016 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1221 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1232 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1242 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1248 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1254 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/26/10 | RTS |
| Aroclor-1260 | 49.5 | 1.00 | ug/wipe | SW8082A | Α | | 10/21/10 | 10/26/10 | RTS |
| Surrogates | | ` | | | | | | | |
| Decachlorobiphenyl <surr></surr> | 81.7 | • | % | SW8082A | A | 60-125 | 10/21/10 | 10/26/10 | RTS |



| SGS Ref.# | 11056490 |
|------------------|------------|
| Client Name | White Env |
| Project Name/# | Bldg 772 |
| Client Sample ID | 110W-04 |
| Matrix | Wipes/Filt |

1105649004 White Environmental Consultants Bldg 772 110W-04 Wipes/Filters

Printed Date/Time11Collected Date/Time10Received Date/Time10Technical DirectorState

11/08/2010 10:48 10/19/2010 15:00 10/19/2010 15:55 Stephen C. Ede

Sample Remarks:

| Parameter | Results | LOQ | Units | Method | Container ID | Allowable Limits | Prep Date | Analysis Date | Inît |
|----------------------------------|---------|------|---------|---------|--------------|---------------------|--------------|------------------|------|
| Polychlorinated Biphenyls | | | | | | | | | |
| Aroclor-1016 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1221 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1232 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1242 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1248 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1254 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1260 | 531 | 10.0 | ug/wipe | SW8082A | А | | 10/21/10 | 11/01/10 | RTS |
| Surrogates | | | | | | | | | |
| Decachlorobiphenyl <surr></surr> | 96.9 | | % | SW8082A | А | 60-125 | 10/21/10 | 10/27/10 | RTS |

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| SGS Ref.# | 1105649005 | | |
|------------------|---------------------------------|---------------------------|------------------|
| Client Name | White Environmental Consultants | Printed Date/Time | 11/08/2010 10:48 |
| Project Name/# | Bldg 772 | Collected Date/Time | 10/19/2010 15:00 |
| Client Sample ID | 110W-05 | Received Date/Time | 10/19/2010 15:55 |
| Matrix | Wipes/Filters | Technical Director | Stephen C. Ede |

| Parameter | Results | LOQ | Units | Method | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|----------------------------------|---------|------|---------|---------|--------------|---------------------|--------------|------------------|------|
| Polychlorinated Biphenyls | | . * | | | | | | | |
| Aroclor-1016 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1221 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1232 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1242 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1248 | ND | 1.00 | ug/wipe | SW8082A | Α | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1254 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1260 | 126 | 10.0 | ug/wipe | SW8082A | Α | | 10/21/10 | 11/01/10 | RTS |
| Surrogates | | | | | | | | | |
| Decachlorobiphenyl <surr></surr> | 80.4 | | % | SW8082A | A (| 50-125 | 10/21/10 | 10/27/10 | RTS |



| SGS Ref.# | 1105649006 | | |
|------------------|---------------------------------|---------------------------|------------------|
| Client Name | White Environmental Consultants | Printed Date/Time | 11/08/2010 10:48 |
| Project Name/# | Bldg 772 | Collected Date/Time | 10/19/2010 15:00 |
| Client Sample ID | 11OW-06 | Received Date/Time | 10/19/2010 15:55 |
| Matrix | Wipes/Filters | Technical Director | Stephen C. Ede |
| | | | |

8082A - Decachlorobiphenyl (surrogate) recovery does not meet QC criteria due to sample dilution.

| Parameter | Results | LOQ | Units | Method | Container ID | Allowable Limits | Ргер Date | Analysis Date | Init |
|----------------------------------|---------|-------|---------|---------|--------------|---------------------|------------------|------------------|-------------|
| Polychlorinated Biphenyls | | | | | | | | | |
| Aroclor-1016 | ND | 40000 | ug/wipe | SW8082A | А | | 10/21/10 | 11/02/10 | RTS |
| Aroclor-1221 | ND | 40000 | ug/wipe | SW8082A | А | | 10/21/10 | 11/02/10 | RTS |
| Aroclor-1232 | ND | 40000 | ug/wipe | SW8082A | А | | 10/21/10 | 11/02/10 | RTS |
| Aroclor-1242 | ND | 40000 | ug/wipe | SW8082A | А | | 10/21/10 | 11/02/10 | RTS |
| Aroclor-1248 | ND | 40000 | ug/wipe | SW8082A | А | | 10/21/10 | 11/02/10 | R TS |
| Aroclor-1254 | ND | 40000 | ug/wipe | SW8082A | А | | 10/21 /10 | 11/02/10 | RTS |
| Aroclor-1260 | 806000 | 40000 | ug/wipe | SW8082A | А | | 10/21/10 | 11/02/10 | RTS |
| Surrogates | | | | | | | | | |
| Decachlorobiphenyl <surr></surr> | 0 | 1 | % | SW8082A | А | 60-125 | 10/21/10 | 11/02/10 | RTS |



| SGS Ref.# |
|-------------------------|
| Client Name |
| Project Name/# |
| Client Sample ID |
| Matrix |

1105649007 White Environmental Consultants Bldg 772 110W-07 Wipes/Filters

| Printed Date/Time | 11/08/2010 | 10:48 |
|---------------------------|--------------|-------|
| Collected Date/Time | 10/19/2010 | 15:00 |
| Received Date/Time | 10/19/2010 | 15:55 |
| Technical Director | Stephen C. E | de |

Sample Remarks:

| Parameter | Results | LOQ | Units | Method | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|----------------------------------|---------|------|---------|---------|--------------|---------------------|--------------|------------------|------|
| Polychlorinated Biphenyls | · | | | | | | | | |
| Aroclor-1016 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1221 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1232 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1242 | ŅD | 1.00 | ug/wipe | SW8082A | Α | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1248 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1254 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1260 | 12500 | 200 | ug/wipe | SW8082A | А | | 10/21/10 | 11/01/10 | RTS |
| Surrogates | | | | | | | | | |
| Decachlorobiphenyl <surr></surr> | 107 | | % | SW8082A | A (| 50-125 | 10/21/10 | 10/27/10 | RTS |

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| 1105649008 |
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| White Environmental Consultants |
| Bldg 772 |
| 11OW-08 |
| Wipes/Filters |
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| Printed Date/Time | 11/08/2010 10:48 |
|---------------------------|------------------|
| Collected Date/Time | 10/19/2010 15:00 |
| Received Date/Time | 10/19/2010 15:55 |
| Technical Director | Stephen C. Ede |

| Parameter | Results | LOQ | Units | Method | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|----------------------------------|---------|------|---------|---------|--------------|---------------------|--------------|------------------|------|
| Polychlorinated Biphenyls | | | | | | | | | |
| Aroclor-1016 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1221 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1232 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1242 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1248 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1254 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1260 | 1040 | 20.0 | ug/wipe | SW8082A | А | | 10/21/10 | 11/02/10 | RTS |
| Surrogates | | | | | | | | | |
| Decachlorobiphenyl <surt></surt> | 86 | | % | SW8082A | A (| 50-125 | 10/21/10 | 10/27/10 | RTS |

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| SGS Ref.# | 1105649009 |
|------------------|---------------------------------|
| Client Name | White Environmental Consultants |
| Project Name/# | Bldg 772 |
| Client Sample ID | 110W-09 |
| Matrix | Wipes/Filters |

| Technical Director | Stephen C. Ede | |
|---------------------------|------------------|--|
| Received Date/Time | 10/19/2010 15:55 | |
| Collected Date/Time | 10/19/2010 15:00 | |
| Printed Date/Time | 11/08/2010 10:48 | |
| | | |

| Parameter | Results | LOQ | Units | Method | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|----------------------------------|---------|------|---------|---------|--------------|---------------------|--------------|------------------|------|
| Polychlorinated Biphenyls | | | | | | | | | |
| Aroclor-1016 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1221 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1232 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1242 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1248 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1254 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1260 | 244 | 10.0 | ug/wipe | SW8082A | А | | 10/21/10 | 11/02/10 | RTS |
| Surrogates | | | | | | | | | |
| Decachlorobiphenyl <surr></surr> | 94.5 | | % | SW8082A | А | 60-125 | 10/21/10 | 10/27/10 | RTS |



| 1105649010 |
|---------------------------------|
| White Environmental Consultants |
| Bldg 772 |
| 110W-10 |
| Wipes/Filters |
| |

| Printed Date/Time | 11/08/2010 | 10:48 | | | |
|----------------------------|----------------|-------|--|--|--|
| Collected Date/Time | 10/19/2010 | 15:00 | | | |
| Received Date/Time | 10/19/2010 | 15:55 | | | |
| Technical Director | Stephen C. Ede | | | | |

| Parameter | Results | LOQ | Units | Method | Container ID | Allowable Limits | Ртер Date | Analysis Date | Init |
|----------------------------------|---------|------|---------|---------|--------------|---------------------|--------------|------------------|------|
| Polychlorinated Biphenyls | , | | | | | | | | |
| Aroclor-1016 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1221 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1232 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1242 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1248 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1254 | ND | 1.00 | ug/wipe | SW8082A | A | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1260 | 181 | 10.0 | ug/wipe | SW8082A | А | | 10/21/10 | 11/02/10 | RTS |
| Surrogates | | | | | | | | | |
| Decachlorobiphenyl <surr></surr> | 115 | | % | SW8082A | A | 50-125 | 10/21/10 | 10/27/10 | RTS |

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| SGS Ref.# | 1105649011 | |
|------------------|---------------------------------|----|
| Client Name | White Environmental Consultants | Pr |
| Project Name/# | Bldg 772 | Ce |
| Client Sample ID | 110W-11 | Re |
| Matrix | Wipes/Filters | Т |
| | | |

| echnical Director | Stephen C. Ede |
|--------------------|------------------|
| eceived Date/Time | 10/19/2010 15:55 |
| ollected Date/Time | 10/19/2010 15:00 |
| rinted Date/Time | 11/08/2010 10:48 |
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| Parameter | Results | LOQ | Units | Method | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|----------------------------------|---------|------|---------|---------|--------------|---------------------|-------------------|------------------|------|
| Polychlorinated Biphenyls | | | | | | | | | |
| Aroclor-1016 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1221 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1232 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1242 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1248 | ND | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1254 | ND | 1.00 | ug/wipe | SW8082A | Α | | 10/21/10 | 10/27/10 | RTS |
| Aroclor-1260 | 1.59 | 1.00 | ug/wipe | SW8082A | А | | 10/21/10 | 10/27/10 | RTS |
| Surrogates | | | | | | | | | |
| Decachlorobiphenyl <surr></surr> | 91.7 | | % | SW8082A | Α | 60-125 | 10/2 1 /10 | 10/27/10 | RTS |

WEC WHITE ENVIRONMENTAL CONSULTANTS INC.

> 731 I St. Ste. 203, Anchorage AK 99501 Phone: (907) 258-8661 (907) 258-8662

| PROJECT NAME BUILDING 772 | · · · · · |
|-----------------------------|----------------------|
| LOCATION Ft. Richardson, AK | PROJECT NO 11CSUT-10 |
| CLENT DOYON UTILITIES | DATE 10/19/2010 |
| CLIENT PROJECT# | SHEET NOOP |

| CHAIN O | F CUSTODY RECC | RD - ANALYTICA | LREOUEST |
|------------------------------|---------------------------------------|--|---------------------------------------|
| ANALYSIS REQUESTED (circle) | TURNAROUND REQUESTED | NO. OF SAMPLES | COLLECTION DATE: |
| PCM PLM TEM LEAD | Standard | | 1 10/19/2010 |
| KELLINGUISHED BY | DATE TIME | SAMPLES RECEIVED BY | DATE/ IME |
| SHIPPING METHOD | COURIER (signature) | SAMPLES RECEIVED BY | DATE/TIME |
| COMMENTS | | | <u> </u> |
| · Wipe samples allocat | ed for PCB analyski | | |
| hexane wipes with | Nitzed. | | |
| | | | |
| | • | | |
| | | | |
| | | | |
| SAMPLE ID# | MATERIAL | LOCATION | COMMENTS |
| 10-01 | lipe | East Shile at Bldg | |
| 1104-02 | Wipe | At compressive at SE. Corner of Bldm | |
| ((011-03 | Wipe | North and of East Generation | |
| 100-04 | Wipe | NE side of Glay in Conduct Trench. | |
| 1104-05 | lipe | North End of Centers | |
| 1102-06 | Wipe | At Backup Generator in Conduct Treach | |
| 104-07 | Vipe | Switch Boar Rack | |
| Now-08 | San | South state at Generator, # 2 | |
| 1100 - 09 | Wipe | SW Exhaist Blower | |
| 110W-10 | Bulk | Outducks near SE Entrance | |
| 104-11 | Blank | | |
| | | <u></u> | · · · · · · · · · · · · · · · · · · · |
| | <u></u> | <u>.</u> | |
| | · · · · · · · · · · · · · · · · · · · | | |
| | | | |
| | | | |



 $\varepsilon_{\rm q}$



SGS North America Inc. CHAIN OF CUSTODY RECORD



 Indiana Kentucky _..com

{de Maryland
New York

| CLIENT: VW | ite Environment | ial Cansu | Hturtz | <u>, L</u> | <u>^C.</u> | | SGS | Reference | e #: | | | | | | | page_ | (| of | |
|--|---|--|---------------|------------|--------------------|---------------------------|--|--|---|------------|--|----------|-----|-----|----|-----------|---------|----------------|--|
| CONTACT: PROJECT NAME: BEPORTS TO: MATE INVOICE TO: AW | Matt White Idg 772 Wecenvi.com 131 I street, stea Inaraye, NK 99501 | PHONE N PROJECT PWSID/ PERMIT# EMAIL: 63 QUOTE # P.O. #: { | <u>ः २</u> ू | -110 | <u>E(6)</u> | | # C O N T A I N E | SAMPLE TYPE C= COMP G= GRAB M1= Mdti Incremental | Preservativ Used Analysis Required | es 27/3 | 2rr | | } | | } | } | | | |
| RESERVED for lab use | SAMPLE IDENTIFIC | ATION | DATE | | TIME | MATRIX/ MATRIX CODE | R S | Samples | /2 | Av | | <u> </u> | / | / | / | | | REMARKS/ | |
| DA | 1102-01 | | 10/19/ | 10 3 | icupm | | | | \checkmark | | | | | | | ļ | | | |
| \bigcirc | 110-02 | | 1 | | | | | | J | | | | | | | | | | |
| 3 | 162-03 | | | | | | | | 1 | · | | | | | | | | × | |
| (Φ) | 1104-04 | | | | | | | | V | | | | | | | | | | |
| \bigcirc | 1104-05 | | | | | | | | V, | | | | | | | | | | |
| 0 | 110-06 | | | | 1 | | | | 7 | | | | | | | | | | |
| Ð | 1102-07 | | | | | | | | J | | | | | | | | | | |
| 8 | 110W-096 | | | | | 1 | | | V | | | | | | | | | | |
| Q | 110w-09 | | | | | 1 | 1 | | N | | | | | | | | | | |
| 6024 | 1000-10 | | 4 | | | | | | | V. | ł | | | | | | | | |
| | quished By:(1) | Date 10 -/970 | Time 3,5 | R M | eceived | By: | | DOD Project? YES COM Data Deliverable Requirements: | | | nts: | | | | | | | | |
| Relinquished B | y: (2) y: (3) | Date Date | Time | R | aceived aceived | By: | Requested Turnaround Time and or Special Instructions: | | | | | | | | | | | | |
| | (| | | | | | | | Temp | erature E | Biank °C | 19 | .6# | 130 | CI | nain of C | Custody | Seal: (Circle) | |
| Relinquished B | y: (b) | Date 0ct (9, 20(0) | Time 15=55 | R | eceived | For Laborat | itory By: AHJ (See attached Sample Receipt Form) (! | | | IN (See | INTACT BROKEN (ABSENT) (See attached Sample Receipt Form) | | | | | | | | |

C 200 W. Potter Drive Anchorage, AK 99518 Tel; (907) 562-2343 Fax: (907) 561-5301 C 5500 Business Drive Wilmington, NC 28405 Tel; (910) 350-1903 Fax: (910) 350-1557

http://www.sos.com/terms and conditions him

White - Retained by Lab



1105649

SAMPLE RECEIPT FORM

| Review Criteria: | Condition: | Comments/Action Taken: |
|--|-------------------------------|--|
| Were custody seals intact? Note # & location, if applicable. | Yes No (N/A) | |
| COC accompanied samples? | Ves No N/A | |
| Temperature blank compliant* (i.e., 0-6°C after correction factor)? | Yes No N/A | |
| * Note: Exemption permitted for chilled samples collected less than 8 hours ago. | | |
| Cooler ID: $1 @ 19.6 \text{ w/Therm.ID: } 13d$ | | |
| Cooler ID: $@$ w/ Therm ID: | | |
| Cooler ID: 0 w/ Therm ID: | | |
| Cooler ID: @ w/ Therm.ID: | | |
| Cooler ID: @ w/ Therm.ID: | 1 | |
| Note: If non-compliant, use form FS-0029 to document affected samples/analyses. | | |
| If samples are received without a temperature blank, the "cooler | | |
| temperature" will be documented in lieu of the temperature blank & | | |
| "COOLER TEMP" will be noted to the right. In cases where neither a | | |
| temp blank nor cooler temp can be obtained, note "ambient" or "chilled." | V No OTA | |
| It temperature(s) <0°C, were all sample containers ice free? | Yes No (N/A) | |
| Delivery method (specify all that apply): | Note airbill/tracking # | |
| USPS Alert Courier Road Runner AK Air | See Attached | |
| Lynden Carlile ERA PenAir | | |
| FedEx UPS NAC Other: | or N/A | |
| \rightarrow For samples received with payment, note amount (\$) and c | ash / check / CC (circle one) |). |
| \rightarrow For samples received in FBKS, ANCH staff will verify all criteria | are reviewed. | SRF Initiated by: N/A |
| Do samples match COC* (i.e., sample IDs, dates/times collected)? | (res) No N/A | |
| * Note: Exemption permitted if collection times differ by less than an hour; | | |
| in which case, the times on the COU will be used. | No N/A | |
| Ware complex in good condition (no locks/groats/broatsgo)? | No N/A | |
| Realing material used (specify all that apply): (Rubble Wran) | Ites No IVA | |
| Separate plastic bags Vermiculite Other: | | |
| Were all $V(A)$ yights free of headsnage (i.e. by balance (A) | Ver No (N/A) | |
| Were all soil VOAs field extracted with $MeOH+BEB?$ | Ves No N(A) | |
| Were the bottles provided by SGS2 (Note apparent exceptions) | | |
| Were proper containers (type/mass/valume/preservative*) used? | Ver (NO N/A | -sample - Find dod not contain |
| * Note: Exemption permitted for waters to be analyzed for metals. | ICS COD IVA | wipe. |
| Were Trip Blanks (i.e., VOAs, LL-Hg) in cooler with samples? | (Var) No N/A | |
| For preserved waters (other than VOA visite II. Mercury or | Ver No (NPD) | ····· |
| microbiological analyses) was nH varified and compliant? | | |
| If pH was adjusted were bottles flagged (i.e. stickers)? | Ves No NA | · · |
| Refer to attached bottle sheet (form F066) for documentation. | | |
| For RUSH or SHORT HOLD TIME samples, were the COC & | Yes No (N/A) | |
| this SRF flagged, bottles flagged (e.g., stickers) and lab notified? | | |
| For client requested, site-specific OC (e.g., MS/MSD/DUP), were | Yes No (N/A) | |
| bottles flagged (e.g., stickers) and numbered accordingly? | | |
| For special handling (e.g., "MI" or foreign soils, lab filter. limited | Yes No M/A | |
| volume, Ref Lab), were bottles/paperwork flagged (e.g., sticker)? | | |
| Was the WO# recorded in Front Counter/Sample Receiving log? | (Yes) No N/A | SRF Completed by: |
| For any question answered "No." has the PM been notified and | | Bottle Sheet by: |
| the problem resolved (or paperwork put in their bin)? | (Yes) No N/A | PM = Fovest Taular N/A |
| Was PEER REVIEW of sample numbering completed | Mes No N/A | Peer Reviewed by: range |
| (i.e., compare WO# on containers to COC, container ID on | | enter |
| containers to COC, unique lab ID on each container?) | | Metrics: 17/7 |
| Additional notes (if applicable): | ↓, <u>→</u> | 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1. |
| 10' CALLO MATTER AUT TREAT AS WIPE TOR ANALYS | IS PREWILL, FAT IN | idio |

- 1 uno unused hexane preserved container accompanied samples for disposal

F004r25_SampleReceiptForm_revised_07302010

| WO# (7 digits) | Sample # | - Sample # | Container ID | ا Container ID | Matrix | gc | Preservative (CHECKED) | a PRINT LA C 2 2 2 3 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 | Notes: ABELS ANOMALIES - e.g., preservative added or SPECIAL HANDLING - e.g., Multi-Incremental (MI), Field Filter (FF), Lab Filter (LF), use "same jar as" (SJA) for QC, 2xMeOH, bubbles, etc. |
|----------------|----------|---------------|--------------|-------------------|--------|-----|---------------------------|--|---|
| SAMPLE ID | | | | | 1 | YPE | CONTAINERS | ANALYSIS | Type comments below: |
| 1105649 | 001 | 011 | A | A | 8 Wipe | | N/A | W_PCB | HEXANE |
| | | | | | | | | | |

1105649

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F066_SRF-BottleTracking(electronic)_rev03-85212010