ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-42
Client Sample ID: 42

Date Sampled: 9/22/2014 8:10 AM
Sampled By:
Sample Matrix: Solid
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:07 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:07 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:07 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:07 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:07 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:07 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:07 AM
PCB-1262	37324-23-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:07 AM
PCB-1268	11100-14-4	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:07 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-43
Client Sample ID: 43

Date Sampled: 9/22/2014 8:20 AM
Sampled By:
Sample Matrix: Solid
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:28 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:28 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:28 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:28 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:28 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:28 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:28 AM
PCB-1262	37324-23-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:28 AM
PCB-1268	11100-14-4	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:28 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-44
Client Sample ID: 44

Date Sampled: 9/22/2014 8:35 AM
Sampled By:
Sample Matrix: Solid
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:50 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:50 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:50 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:50 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:50 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:50 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:50 AM
PCB-1262	37324-23-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:50 AM
PCB-1268	11100-14-4	ND		mg/kg	8082A	1.000	B C	10/27/2014 1:50 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-45
Client Sample ID: 45

Date Sampled: 9/22/2014 8:51 AM
Sampled By:
Sample Matrix: Solid
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:11 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:11 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:11 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:11 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:11 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:11 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:11 AM
PCB-1262	37324-23-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:11 AM
PCB-1268	11100-14-4	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:11 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-46
Client Sample ID: 46

Date Sampled: 9/22/2014 9:05 AM
Sampled By:
Sample Matrix: Solid
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:32 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:32 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:32 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:32 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:32 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:32 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:32 AM
PCB-1262	37324-23-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:32 AM
PCB-1268	11100-14-4	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:32 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-47
Client Sample ID: 47

Date Sampled: 9/22/2014 9:22 AM
Sampled By:
Sample Matrix: Solid
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:53 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:53 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:53 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:53 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:53 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:53 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:53 AM
PCB-1262	37324-23-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:53 AM
PCB-1268	11100-14-4	ND		mg/kg	8082A	1.000	B C	10/27/2014 2:53 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-48
Client Sample ID: 48

Date Sampled: 9/22/2014 9:30 AM
Sampled By:
Sample Matrix: Solid
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:15 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:15 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:15 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:15 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:15 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:15 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:15 AM
PCB-1262	37324-23-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:15 AM
PCB-1268	11100-14-4	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:15 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-49
Client Sample ID: 49

Date Sampled: 9/22/2014 9:45 AM
Sampled By:
Sample Matrix: Solid
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:36 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:36 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:36 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:36 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:36 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:36 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:36 AM
PCB-1262	37324-23-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:36 AM
PCB-1268	11100-14-4	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:36 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-50
Client Sample ID: 50

Date Sampled: 9/22/2014 9:56 AM
Sampled By:
Sample Matrix: Solid
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:57 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:57 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:57 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:57 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:57 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:57 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:57 AM
PCB-1262	37324-23-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:57 AM
PCB-1268	11100-14-4	ND		mg/kg	8082A	1.000	B C	10/27/2014 3:57 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-51
Client Sample ID: 51

Date Sampled: 9/22/2014 10:25 AM
Sampled By:
Sample Matrix: Solid
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:19 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:19 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:19 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:19 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:19 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:19 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:19 AM
PCB-1262	37324-23-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:19 AM
PCB-1268	11100-14-4	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:19 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587

Lab Sample #: 41587-52

Client Sample ID: 52

Date Sampled: 9/22/2014 10:45 AM

Sampled By:

Sample Matrix: Solid

Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:40 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:40 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:40 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:40 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:40 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:40 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:40 AM
PCB-1262	37324-23-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:40 AM
PCB-1268	11100-14-4	ND		mg/kg	8082A	1.000	B C	10/27/2014 4:40 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-53
Client Sample ID: 53

Date Sampled: 9/22/2014 11:00 AM
Sampled By:
Sample Matrix: Solid
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:01 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:01 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:01 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:01 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:01 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:01 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:01 AM
PCB-1262	37324-23-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:01 AM
PCB-1268	11100-14-4	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:01 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-54
Client Sample ID: 54

Date Sampled: 9/22/2014 12:25 PM
Sampled By:
Sample Matrix: Solid
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:23 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:23 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:23 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:23 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:23 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:23 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:23 AM
PCB-1262	37324-23-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:23 AM
PCB-1268	11100-14-4	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:23 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-55
Client Sample ID: 55

Date Sampled: 9/22/2014 12:45 PM
Sampled By:
Sample Matrix: Solid
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:44 AM
PCB-1221	11104-28-2	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:44 AM
PCB-1232	11141-16-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:44 AM
PCB-1242	53469-21-9	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:44 AM
PCB-1248	12672-29-6	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:44 AM
PCB-1254	11097-69-1	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:44 AM
PCB-1260	11096-82-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:44 AM
PCB-1262	37324-23-5	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:44 AM
PCB-1268	11100-14-4	ND		mg/kg	8082A	1.000	B C	10/27/2014 5:44 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-56
Client Sample ID: FB-61

Date Sampled: 9/22/2014 12:31 PM
Sampled By:
Sample Matrix: Wipes
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Wipe								
PCB-1016	12674-11-2	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:05 AM
PCB-1221	11104-28-2	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:05 AM
PCB-1232	11141-16-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:05 AM
PCB-1242	53469-21-9	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:05 AM
PCB-1248	12672-29-6	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:05 AM
PCB-1254	11097-69-1	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:05 AM
PCB-1260	11096-82-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:05 AM
PCB-1262	37324-23-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:05 AM
PCB-1268	11100-14-4	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:05 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-57
Client Sample ID: FB-62

Date Sampled: 9/22/2014 1:00 PM
Sampled By:
Sample Matrix: Wipes
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Wipe								
PCB-1016	12674-11-2	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:27 AM
PCB-1221	11104-28-2	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:27 AM
PCB-1232	11141-16-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:27 AM
PCB-1242	53469-21-9	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:27 AM
PCB-1248	12672-29-6	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:27 AM
PCB-1254	11097-69-1	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:27 AM
PCB-1260	11096-82-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:27 AM
PCB-1262	37324-23-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:27 AM
PCB-1268	11100-14-4	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:27 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-58
Client Sample ID: TC-63

Date Sampled: 9/19/2014 2:00 PM
Sampled By:
Sample Matrix: Wipes
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Wipe								
PCB-1016	12674-11-2	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:48 AM
PCB-1221	11104-28-2	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:48 AM
PCB-1232	11141-16-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:48 AM
PCB-1242	53469-21-9	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:48 AM
PCB-1248	12672-29-6	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:48 AM
PCB-1254	11097-69-1	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:48 AM
PCB-1260	11096-82-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:48 AM
PCB-1262	37324-23-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:48 AM
PCB-1268	11100-14-4	ND		ug/wipe	8082A	1.00	B C	10/27/2014 6:48 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-59
Client Sample ID: TC-64

Date Sampled: 9/22/2014 10:56 AM
Sampled By:
Sample Matrix: Wipes
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Wipe								
PCB-1016	12674-11-2	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:10 AM
PCB-1221	11104-28-2	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:10 AM
PCB-1232	11141-16-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:10 AM
PCB-1242	53469-21-9	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:10 AM
PCB-1248	12672-29-6	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:10 AM
PCB-1254	11097-69-1	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:10 AM
PCB-1260	11096-82-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:10 AM
PCB-1262	37324-23-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:10 AM
PCB-1268	11100-14-4	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:10 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-60
Client Sample ID: TC-65

Date Sampled: 9/22/2014 2:45 PM
Sampled By:
Sample Matrix: Wipes
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Wipe								
PCB-1016	12674-11-2	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:32 AM
PCB-1221	11104-28-2	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:32 AM
PCB-1232	11141-16-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:32 AM
PCB-1242	53469-21-9	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:32 AM
PCB-1248	12672-29-6	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:32 AM
PCB-1254	11097-69-1	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:32 AM
PCB-1260	11096-82-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:32 AM
PCB-1262	37324-23-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:32 AM
PCB-1268	11100-14-4	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:32 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-61
Client Sample ID: TC-66

Date Sampled: 9/22/2014 9:58 AM
Sampled By:
Sample Matrix: Wipes
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Wipe								
PCB-1016	12674-11-2	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:53 AM
PCB-1221	11104-28-2	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:53 AM
PCB-1232	11141-16-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:53 AM
PCB-1242	53469-21-9	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:53 AM
PCB-1248	12672-29-6	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:53 AM
PCB-1254	11097-69-1	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:53 AM
PCB-1260	11096-82-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:53 AM
PCB-1262	37324-23-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:53 AM
PCB-1268	11100-14-4	ND		ug/wipe	8082A	1.00	B C	10/27/2014 7:53 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Project Name: EX-STEPHEN W. GROVES FFG-29

Lab Project #: 41587
Lab Sample #: 41587-62
Client Sample ID: TC-67

Date Sampled: 9/22/2014 12:50 PM
Sampled By:
Sample Matrix: Wipes
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	PQL	Analyst	Date / Time Analysis
PCBs - Wipe								
PCB-1016	12674-11-2	ND		ug/wipe	8082A	1.00	B C	10/27/2014 8:15 AM
PCB-1221	11104-28-2	ND		ug/wipe	8082A	1.00	B C	10/27/2014 8:15 AM
PCB-1232	11141-16-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 8:15 AM
PCB-1242	53469-21-9	ND		ug/wipe	8082A	1.00	B C	10/27/2014 8:15 AM
PCB-1248	12672-29-6	ND		ug/wipe	8082A	1.00	B C	10/27/2014 8:15 AM
PCB-1254	11097-69-1	ND		ug/wipe	8082A	1.00	B C	10/27/2014 8:15 AM
PCB-1260	11096-82-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 8:15 AM
PCB-1262	37324-23-5	ND		ug/wipe	8082A	1.00	B C	10/27/2014 8:15 AM
PCB-1268	11100-14-4	ND		ug/wipe	8082A	1.00	B C	10/27/2014 8:15 AM

Akhter Mehmood
Lab Director

Wayne Wells II
QAQC Director

ANALYTICAL REPORT

Methodology

All analyses are adapted from one or more of the following reference methods:

"Guidelines Establishing Test Procedures for the Analysis of Pollutants"' Code of Federal Regulations, Vol. 40, Part 136
"Test Methods for Evaluating Solid Waste", SW846 Third Edition, September 1986, USEPA.
Code of Federal Regulations Vol. 40, Part 261, "Appendix II Method 1311 Toxicity Characteristic Leaching Procedure."
Standard Methods for the Examination of Water and Wastewater", 21st edition
"Methods for the Chemical Analysis of Water and Wastes", EPA600/4-79-020, March 1983, U.S. EPA, EMSL
"Annual Book of Standards, Section 11-Water", American Society for Testing and Materials (ASTM)
"Methods for the Determination of Organic Compounds in Drinking Water", EPA 600/4-88/039, December 1988

Qualifiers

B	Detected in method blank	E	Detected above calibration limits, result estimated
H	Parameter run out of hold time	J	Detected below PQL, result estimated
P	Incorrect Preservative	R	See report notes
SUB	Sub-Contracted to Certified Lab	N	Not NELAC certified for parameter
C	NELAC certification Not Available		

Abbreviations

ppm	Parts Per Million (mg/kg or mg/L)	PQL	Practical Quantitation Level
ppb	Parts Per Billion (ug/kg or ug/L)	attached	Subcontract Lab Report Attached
g	gram (1000 g = 1Kg)	>	Greater than the PQL
kg	kilogram (1 kg - 1000 g)	<	Less than the PQL
mg	milligram (1000 mg = 1 g)	ND	Not Detected
mg/kg	milligram per kilogram (ppm)	NA	Not Applicable
ug/kg	microgram per kilogram (ppb)	NS	Not Spiked
ug	microgram (1000 ug = 1 mg)	NP	No PCB pattern detected
L	liter (1 L - 1000 mL)	NR	Not Requested
ml	milliliter (1000 ml = 1 L)	NI	Not Ignitable
ul	microliter (1000 ul = 1 ml)	NFL	No Free Liquid
mg/L	milligram per liter (ppm)	NTU	Nephelometric Turbidity Units
ug/L	microgram per liter (ppb)	S.U.	Standard Unit
ng/kg	nanogram per kilogram	RPD	Relative Percent Difference
BTU/lb	British Thermal Units per pound	RSD	Relative Standard Deviation
CFU/mL	Colony Forming Units per milliliter	MS/MSD	Matrix Spike/Matrix Spike Duplicate
MPN/100 ml	Most Probable Number per 100 mL	LCS	Laboratory Control Sample
mS/cm	milli Siemans per centimeter	BS	Blank Spike (Method Spike)
uS/cm	micro Siemans per centimeter	o F	degrees Fahrenheit
ug/sq cm	microgram per square centimeter	o C	degrees Celsius
ug/sq ft	microgram per square feet	umhos	Conductivity Units
ug/wipe	microgram per wipe	ohms	Resistivity Units
P / N	Positive / Negative		

Note: All non-aqueous samples, with the exception of oils, wipes, and paint chips are dry weight corrected
PQL-The Practical Quantitation Limit (PQL) is the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

Mid-Atlantic
Environmental Laboratories, Inc.
30 Lukens Drive, Suite A
New Castle, DE 19720-2700
Phone: 302-654-1340 TOLL FREE: 877-654-1340
Fax: 302-654-1058
www.maelinc.com
mael@maelinc.com

CHAIN OF CUSTODY

Lab Use Only
Job # 4587

Client Name: Global - NISMO	Invoice To: Global ATTN S. Morrell	**Sample On Ice** ☐ Yes X No	**Data Format Requested**	**Report Format**
Address: 4701 S. 16th Street Bldg. 545	Purchase Order #: PHL 15-0023	**Sample Disposal** ☐ Client x MAEL	☐ Results Only X QC Package	☐ Fax
	Project Name: EX-GROVES FFG-29 WW 10/20/14 EX-Stephen W. Groves FFG-29	**Site Location** ☐ NJ X PA ☐ DE ☐ MD ☐ Other	☐ NJRDD + Hazsite ☐ NJFDD + Hazsite ☐ MDE	X E-mail PDF
City, State, Zip: Philadelphia, PA 19112	Bottle Order # Quote # 20141006A		☐ Excel Summary	☐ Portal Posting Only

Contact Name: James Sirles	**Regulatory Program**	**Turn Around Time**
Phone # 215-897-6745 or 267-549-1996	☐ DERBCAP ☐ PA UST ☐ PA Clean Fill ☐ PA ACT II ☐ NJGWQC ☐ NJ SRP ☐ NJ UST ☐ MDE ☐ Site Specific ☐ Non regulatory ☐ Other (Specify):	☐ <24 Hours (Same Day) ☐ 24 Hours (Next Day) ☐ 48 Hours (2 Days) ☐ 72 Hours (3 Days) ☐ 96 Hours (4 Days) X Standard (1 Week) ☐ 2 Weeks ☐ Other – Specify
Fax # 215-897-6297		
E-mail: jsirles@flagshipglobal.com		
Remarks: **SEE ATTACHED PCB SAMPLING LOG FOR SAMPLE NUMBERS AND INFO. *PROVIDE QA PACKAGE WITHIN 2 WEEKS OF RECEIPT OF SAMPLES*.**	Failure to include regulatory program may result in PQLs incompatible to regulatory limit If not specified, assumed to be non-regulatory	

Laboratory Sample #	Client Sample ID	Sampling Info Date	Sampling Info Time	AM PM	Sampled By:	Sample Type Grab	Sample Type Comp	Matrix	# Cntrs	Analysis Requested

Bottles Supplied By MAEL? Yes No X	Logged By: G.GOINS/J.KING/R. DORTON		QA Reviewed:	Page 1 of 1	
Relinquished By: J. SIRLES	Date: 10/17/14	Time: 1405	Received By: [signature]	Date: 10/17/14	Time: 14:05
Relinquished By: [signature]	Date: 10/17/14	Time: 15:28	Received By: [signature]	Date: 10/17/14	Time: 15:28

All samples are disposed 30 days after receipt unless otherwise requested. By signing this Chain of Custody Agreement, customer expressly agrees to pay Mid-Atlantic Environmental Laboratories, Inc. for all charges reasonably incurred in connection with analysis and reporting of these samples.

Logged by: [signature]

Sample Temperature	
Temp as Read	
Temp Corrected	

DE certification
MD certification

Mid-Atlantic
Environmental Laboratories, Inc.
30 Lukens Drive, Suite A
New Castle, DE 19720
Phone: 302-654-1340 TOLL FREE 877-654-1340 Fax: 302-654-1058
www.midatlanticenvlabs.com
mael@midatlanticenvlabs.com

QC Package

Prepared For: Global-NISMO

Project Name: EX-STEPHEN W. GROVES FFG-29

MAEL Job Number: 41587

Prepared By: Wayne M. Wells

Reviewed By: Wayne M. Wells II

Date Prepared: January 02, 2015

Summary Table

Client: Global - NISMO
Project ID: EX-STEPHEN W. GROVES FFG-29
Project Number: PHL 15-0023

Lab Sample Number	Client Sample Number
41587-1	1
41587-2	2
41587-3	3
41587-4	4
41587-5	5
41587-6	6
41587-7	7
41587-8	8
41587-9	9
41587-10	10
41587-11	11
41587-12	12
41587-13	13
41587-14	14
41587-15	15
41587-16	16
41587-17	17
41587-18	18
41587-19	19
41587-20	20
41587-21	21
41587-22	22
41587-23	23
41587-24	24
41587-25	25