

Received 11/13/14  
 API# 085-06047  
 Location ID 313641  
 Document 2314124

Organization	Reporting_Organization	Reporting_Organization_Name
	65	Green Analytical Laboratories
Sample	COGCC_Facility_Number	Sample_Date_and_Time
		10/24/2014 12:30
Batch	Lab_ID	Lab_Batch_Id
	Unmatched	4102901
Result	CAS_Number	Analysis_Name
	68334-30-5	TEPH DIESEL RANGE ORGANICS
	68334-30-5ex	TEPH Diesel Range Organics (extended)
	8006-61-9	TVPH - Gasoline Range Organics
QC	Lab_QC_ID	QC_Type
	4102901-BLK1	MB
	4102901-BLK1	MB
	4102901-BLK1	MB
	4102901-BLK1	MB
	4102901-BS1	LCS
	4102901-BS1	LCS
	4102901-BS1	LCS
	4102901-BSD1	LCSD
	4102901-BSD1	LCSD
	4102901-BSD1	LCSD
Batch	Lab_ID	Lab_Batch_Id
	Unmatched	4102902
Result	CAS_Number	Analysis_Name
	120-12-7	ANTHRACENE
	129-00-0	PYRENE
	191-24-2	BENZO(ghi)PERYLENE
	193-39-5	INDENO(1,2,3-cd)PYRENE
	205-99-2	BENZO(b)FLUORANTHENE
	206-44-0	FLUORANTHENE
	207-08-9	BENZO(k)FLUORANTHENE
	208-96-8	ACENAPHTHYLENE
	218-01-9	CHRYSENE
	226-36-8	DIBENZ(A,H)ACRIDINE
	50-32-8	BENZO(a)PYRENE
	56-55-3	BENZ(a)ANTHRACENE



Project		
Redwine Pit		
Matrix	Comments	Project_Number
SOIL		[none]
Start_Date_and_Time	End_Date	Conc_Method
Result_Value	Qualifier	Test_Type
10.0	ND	TA
10.0	ND	TA
10.0	ND	TA
Unit	Test_Type	Result_Value1
mg/kg	TA	10.0
mg/kg	TA	10.0
mg/kg	TA	10.0
mg/kg	TA	10.0
mg/kg	TA	184
mg/kg	TA	177
mg/kg	TA	361
mg/kg	TA	179
mg/kg	TA	178
mg/kg	TA	358
Start_Date_and_Time	End_Date	Conc_Method
Result_Value	Qualifier	Test_Type
0.002	ND	TA
0.003	ND	TA
0.001	ND	TA
0.001	ND	TA
0.003	ND	TA
0.003	ND	TA
0.002	ND	TA
0.002	ND	TA
0.005	ND	TA
0.002	ND	TA
0.002	ND	TA
0.002	ND	TA



Analysis_Date_and_Time	Report_Basis	Comments	File_Name	Column_Number
	1			NA
MDC	Reported_MDC	Detection_Limit	Instrument_Detection_Limit	Method_Detection_Limit
		10.0		2.91
		10.0		2.91
		10.0		1.30
Percent_Recovery	Upper_Limit	Lower_Limit	RPD	RPD_Limit
92.1	118	81.3		
88.6	115	72.5		
90.4	113	80		
89.6	118	81.3	15.3	15.3
89.2	115	72.5	10.1	10.1
89.4	113	80	12.1	12.1
Analysis_Date_and_Time	Report_Basis	Comments	File_Name	Column_Number
	1			NA
MDC	Reported_MDC	Detection_Limit	Instrument_Detection_Limit	Method_Detection_Limit
		0.002		0.002
		0.003		0.003
		0.001		0.001
		0.001		0.001
		0.003		0.003
		0.003		0.003
		0.002		0.002
		0.002		0.002
		0.005		0.005
		0.002		0.002
		0.002		0.002
		0.002		0.002

[illegible]

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SW8270		mg/kg
SW8270		mg/kg
SW8270		mg/kg
SW8270		mg/kg
SW8270		mg/kg
SW8270		mg/kg
SW8270		mg/kg
CAS_Number	Analysis_Method	Analytical_Method_Modifier
120-12-7	SW8270	
129-00-0	SW8270	
191-24-2	SW8270	
193-39-5	SW8270	
205-99-2	SW8270	
206-44-0	SW8270	
207-08-9	SW8270	
208-96-8	SW8270	
218-01-9	SW8270	
226-36-8	SW8270	
50-32-8	SW8270	
56-55-3	SW8270	
83-32-9	SW8270	
85-01-8	SW8270	
86-73-7	SW8270	
86-74-8	SW8270	
90-12-0	SW8270	
91-20-3	SW8270	
91-57-6	SW8270	
120-12-7	SW8270	
129-00-0	SW8270	
191-24-2	SW8270	
193-39-5	SW8270	
205-99-2	SW8270	
206-44-0	SW8270	
207-08-9	SW8270	
208-96-8	SW8270	
218-01-9	SW8270	

0.002	ND	TA
0.002	ND	TA
0.002	ND	TA
0.004	ND	TA
0.034	ND	TA
0.002	ND	TA
0.034	ND	TA
Unit	Test_Type	Result_Value1
mg/kg	TA	0.002
mg/kg	TA	0.003
mg/kg	TA	0.001
mg/kg	TA	0.001
mg/kg	TA	0.003
mg/kg	TA	0.003
mg/kg	TA	0.002
mg/kg	TA	0.002
mg/kg	TA	0.005
mg/kg	TA	0.002
mg/kg	TA	0.002
mg/kg	TA	0.002
mg/kg	TA	0.002
mg/kg	TA	0.002
mg/kg	TA	0.002
mg/kg	TA	0.002
mg/kg	TA	0.004
mg/kg	TA	
mg/kg	TA	0.002
mg/kg	TA	
mg/kg	TA	0.359
mg/kg	TA	0.347
mg/kg	TA	0.266
mg/kg	TA	0.266
mg/kg	TA	0.353
mg/kg	TA	0.351
mg/kg	TA	0.357
mg/kg	TA	0.359
mg/kg	TA	0.352

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[illegible]

[illegible]

[illegible]



226-36-8	SW8270	
50-32-8	SW8270	
56-55-3	SW8270	
83-32-9	SW8270	
85-01-8	SW8270	
86-73-7	SW8270	
86-74-8	SW8270	
91-20-3	SW8270	
91-57-6	SW8270	
120-12-7	SW8270	
129-00-0	SW8270	
191-24-2	SW8270	
193-39-5	SW8270	
205-99-2	SW8270	
206-44-0	SW8270	
207-08-9	SW8270	
208-96-8	SW8270	
218-01-9	SW8270	
226-36-8	SW8270	
50-32-8	SW8270	
56-55-3	SW8270	
83-32-9	SW8270	
85-01-8	SW8270	
86-73-7	SW8270	
86-74-8	SW8270	
91-20-3	SW8270	
91-57-6	SW8270	
Leach_Date	Extract_Date_and_Time	Extract_Method
	10/29/2014	NONE
Analysis_Method	Analytical_Method_Modifier	Unit
SW8021		mg/kg
SW8021		mg/kg
SW8021		mg/kg
SW8021		mg/kg
SW8021		mg/kg
CAS_Number	Analysis_Method	Analytical_Method_Modifier



mg/kg	TA	0.293
mg/kg	TA	0.349
mg/kg	TA	0.350
mg/kg	TA	0.344
mg/kg	TA	0.364
mg/kg	TA	0.355
mg/kg	TA	0.353
mg/kg	TA	0.299
mg/kg	TA	0.348
mg/kg	TA	0.363
mg/kg	TA	0.360
mg/kg	TA	0.286
mg/kg	TA	0.286
mg/kg	TA	0.351
mg/kg	TA	0.378
mg/kg	TA	0.376
mg/kg	TA	0.356
mg/kg	TA	0.357
mg/kg	TA	0.309
mg/kg	TA	0.352
mg/kg	TA	0.354
mg/kg	TA	0.344
mg/kg	TA	0.372
mg/kg	TA	0.355
mg/kg	TA	0.370
mg/kg	TA	0.330
mg/kg	TA	0.368
Start_Date_and_Time	End_Date	Conc_Method
Result_Value	Qualifier	Test_Type
0.050	ND	TA
0.050	ND	TA
0.150	ND	TA
0.050	ND	TA
0.300	ND	TA
Unit	Test_Type	Result_Value1



73.3	164	19		
87.1	163	27.2		
87.5	167	28.6		
86.0	154	39.3		
91.1	164	34.7		
88.8	158	40.4		
88.1	163	31.6		
74.7	147	33.8		
86.9	151	41.4		
90.8	162	33.5	20	20
89.9	180	28	20	20
71.6	172	14.1	39.3	39.3
71.6	162	21.9	32.1	32.1
87.8	168	24	21.5	21.5
94.4	165	38.5	20	20
94.1	170	28.9	20.5	20.5
89.1	150	39.2	20	20
89.2	171	27.7	20	20
77.1	164	19	30.5	30.5
87.9	163	27.2	20	20
88.4	167	28.6	20	20
86.0	154	39.3	20	20
92.9	164	34.7	20	20
88.8	158	40.4	20	20
92.5	163	31.6	20	20
82.6	147	33.8	20	20
92.0	151	41.4	20	20
Analysis_Date_and_Ti	Report_Basis	Comments	File_Name	Column_Number
	1			NA
MDC	Reported_MDC	Detection_Limit	Instrument_Detection_Limit	Method_Detection_Limit
		0.050		0.008
		0.050		0.015
		0.150		0.018
		0.050		0.004
		0.300		
Percent_Recovery	Upper_Limit	Lower_Limit	RPD	RPD_Limit

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100-41-4	SW8021	
108-88-3	SW8021	
1330-20-7	SW8021	
71-43-2	SW8021	
BTEX	SW8021	
100-41-4	SW8021	
108-88-3	SW8021	
1330-20-7	SW8021	
71-43-2	SW8021	
100-41-4	SW8021	
108-88-3	SW8021	
1330-20-7	SW8021	
71-43-2	SW8021	
Leach_Date	Extract_Date_and_Time	Extract_Method
	11/03/2014	SW3050
Analysis_Method	Analytical_Method_Modifier	Unit
SW6010		mg/kg dry
SW6010		mg/kg dry
SW6010		mg/kg dry
E200.8		mg/kg dry
SW6010		mg/kg dry
SW6010		mg/kg dry
SW6010		mg/kg dry
SW6010		mg/kg dry
SW6010		mg/kg dry
SW6010		mg/kg dry
CAS_Number	Analysis_Method	Analytical_Method_Modifier
7439-92-1	SW6010	
7440-02-0	SW6010	
7440-22-4	SW6010	
7440-38-2	E200.8	
7440-39-3	SW6010	
7440-43-9	SW6010	
7440-47-3	SW6010	
7440-50-8	SW6010	
7440-66-6	SW6010	

mg/kg	TA	0.050
mg/kg	TA	0.050
mg/kg	TA	0.150
mg/kg	TA	0.050
mg/kg	TA	0.300
mg/kg	TA	1.77
mg/kg	TA	1.87
mg/kg	TA	5.22
mg/kg	TA	1.98
mg/kg	TA	1.70
mg/kg	TA	1.77
mg/kg	TA	5.01
mg/kg	TA	1.87
Start_Date_and_Time	End_Date	Conc_Method
Result_Value	Qualifier	Test_Type
15.6		TA
23.7		TA
5.00	ND	TA
12.5		TA
4520		TA
5.00	ND	TA
25.4		TA
12.1		TA
65.8		TA
20.0	ND	TA
Unit	Test_Type	Result_Value1
mg/kg dry	TA	0.100
mg/kg dry	TA	0.050
mg/kg dry	TA	0.050
mg/kg dry	TA	0.100
mg/kg dry	TA	0.010
mg/kg dry	TA	0.050
mg/kg dry	TA	0.050
mg/kg dry	TA	0.031
mg/kg dry	TA	0.014



ND			
ND			
ND			
ND			
ND			
			2.00
			2.00
			6.00
			2.00
			2.00
			2.00
			6.00
			2.00
Init_Vol	Final_Vol	Init_Vol_Units	Final_Vol_Units
0.5	50	g	mL
Result_Text	Data_Flag	Dilution	Fraction_Type
	D	100	total
	D	100	total
	U	100	total
	D	100	total
	D	100	total
	U	100	total
	D	100	total
	BD	100	total
	BD	100	total
	U	100	total
Qualifier1	Result_Value2	Qualifier2	Spike_Amount
ND			
ND			
ND			
ND			
ND			
ND			
ND			



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	B411016-BLK1	MB
	B411016-BS1	LCS
	B411016-BS1	LCS
	B411016-BS1	LCS
	B411016-BS1	LCS
	B411016-BS1	LCS
	B411016-BS1	LCS
	B411016-BS1	LCS
	B411016-BS1	LCS
	B411016-BS1	LCS
	B411016-BS1	LCS
	B411016-BSD1	LCSD
	B411016-BSD1	LCSD
	B411016-BSD1	LCSD
	B411016-BSD1	LCSD
	B411016-BSD1	LCSD
	B411016-BSD1	LCSD
	B411016-BSD1	LCSD
	B411016-BSD1	LCSD
	B411016-BSD1	LCSD
	B411016-BSD1	LCSD
	B411016-BSD1	LCSD
Batch	Lab_ID	Lab_Batch_Id
	65	B411021
Result	CAS_Number	Analysis_Name
	7440-42-8	BORON
QC	Lab_QC_ID	QC_Type
	B411021-BLK1	MB
	B411021-BS1	LCS
	B411021-BSD1	LCSD
Batch	Lab_ID	Lab_Batch_Id
	65	B411026
Result	CAS_Number	Analysis_Name
	7439-97-6	MERCURY
QC	Lab_QC_ID	QC_Type
	B411026-BLK1	MB
	B411026-BS1	LCS

7782-49-2	SW6010	
7439-92-1	SW6010	
7440-02-0	SW6010	
7440-22-4	SW6010	
7440-38-2	E200.8	
7440-39-3	SW6010	
7440-43-9	SW6010	
7440-47-3	SW6010	
7440-50-8	SW6010	
7440-66-6	SW6010	
7782-49-2	SW6010	
7439-92-1	SW6010	
7440-02-0	SW6010	
7440-22-4	SW6010	
7440-38-2	E200.8	
7440-39-3	SW6010	
7440-43-9	SW6010	
7440-47-3	SW6010	
7440-50-8	SW6010	
7440-66-6	SW6010	
7782-49-2	SW6010	
Leach_Date	Extract_Date_and_Time	Extract_Method
	11/04/2014	NONE
Analysis_Method	Analytical_Method_Modifier	Unit
E200.7		mg/kg dry
CAS_Number	Analysis_Method	Analytical_Method_Modifier
7440-42-8	E200.7	
7440-42-8	E200.7	
7440-42-8	E200.7	
Leach_Date	Extract_Date_and_Time	Extract_Method
	11/04/2014	NONE
Analysis_Method	Analytical_Method_Modifier	Unit
SW7471		mg/kg dry
CAS_Number	Analysis_Method	Analytical_Method_Modifier
7439-97-6	SW7471	
7439-97-6	SW7471	

mg/kg dry	TA	0.200
mg/kg dry	TA	2.00
mg/kg dry	TA	1.94
mg/kg dry	TA	0.112
mg/kg dry	TA	3.88
mg/kg dry	TA	1.92
mg/kg dry	TA	1.95
mg/kg dry	TA	2.02
mg/kg dry	TA	4.20
mg/kg dry	TA	1.88
mg/kg dry	TA	8.01
mg/kg dry	TA	2.01
mg/kg dry	TA	1.95
mg/kg dry	TA	0.106
mg/kg dry	TA	3.90
mg/kg dry	TA	1.93
mg/kg dry	TA	1.96
mg/kg dry	TA	2.03
mg/kg dry	TA	4.22
mg/kg dry	TA	1.88
mg/kg dry	TA	7.99
Start_Date_and_Time	End_Date	Conc_Method
Result_Value	Qualifier	Test_Type
1.50	ND	TA
Unit	Test_Type	Result_Value1
mg/kg dry	TA	0.300
mg/kg dry	TA	4.76
mg/kg dry	TA	4.79
Start_Date_and_Time	End_Date	Conc_Method
Result_Value	Qualifier	Test_Type
0.105	ND	TA
Unit	Test_Type	Result_Value1
mg/kg wet	TA	0.0002
mg/kg wet	TA	0.0023

ND			
			2.00
			2.00
			0.100
			4.00
			2.00
			2.00
			2.00
			4.00
			2.00
			8.00
			2.00
			2.00
			0.100
			4.00
			2.00
			2.00
			2.00
			4.00
			2.00
			8.00
Init_Vol	Final_Vol	Init_Vol_Units	Final_Vol_Units
10	10	g	mL
Result_Text	Data_Flag	Dilution	Fraction_Type
	U	5	dissolved
Qualifier1	Result_Value2	Qualifier2	Spike_Amount
ND			
			5.00
			5.00
Init_Vol	Final_Vol	Init_Vol_Units	Final_Vol_Units
0.1	50	g	mL
Result_Text	Data_Flag	Dilution	Fraction_Type
	U	495	total
Qualifier1	Result_Value2	Qualifier2	Spike_Amount
ND			
			0.00200



99.8	115	85		
97.2	115	85		
112	115	85		
97.0	115	85		
96.0	115	85		
97.6	115	85		
101	115	85		
105	115	85		
93.8	115	85		
100	115	85		
100	115	85	20	20
97.3	115	85	20	20
106	115	85	20	20
97.4	115	85	20	20
96.3	115	85	20	20
98.2	115	85	20	20
102	115	85	20	20
105	115	85	20	20
93.9	115	85	20	20
99.9	115	85	20	20
Analysis_Date_and_Time	Report_Basis	Comments	File_Name	Column_Number
	1			NA
MDC	Reported_MDC	Detection_Limit	Instrument_Detection_Limit	Method_Detection_Limit
		1.50		0.163
Percent_Recovery	Upper_Limit	Lower_Limit	RPD	RPD_Limit
95.2	115	85		
95.8	115	85	20	20
Analysis_Date_and_Time	Report_Basis	Comments	File_Name	Column_Number
	2			NA
MDC	Reported_MDC	Detection_Limit	Instrument_Detection_Limit	Method_Detection_Limit
		0.105		0.0198
Percent_Recovery	Upper_Limit	Lower_Limit	RPD	RPD_Limit
113	115	85		

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B411016
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B411016
B411016
B411016
QC_Batch_ID
B411021
B411021
B411021
QC_Batch_ID
B411026
B411026

	B411026-BSD1	LCSD
Batch	Lab_ID	Lab_Batch_Id
	65	B411027
Result	CAS_Number	Analysis_Name
	10-02-6	% SOLIDS
Batch	Lab_ID	Lab_Batch_Id
	65	B411055
Result	CAS_Number	Analysis_Name
	10-29-7	pH
QC	Lab_QC_ID	QC_Type
	1410240-02DUP	DUP
Batch	Lab_ID	Lab_Batch_Id
	65	B411057
Result	CAS_Number	Analysis_Name
	10-34-4	SPECIFIC CONDUCTIVITY
Batch	Lab_ID	Lab_Batch_Id
	65	B411062
Result	CAS_Number	Analysis_Name
	7439-95-4	MAGNESIUM
	7440-23-5	SODIUM
	7440-70-2	CALCIUM
	SAR	SODIUM ADSORPTION RATIO
QC	Lab_QC_ID	QC_Type
	1410240-02DUP	DUP
	1410240-02DUP	DUP
	1410240-02DUP	DUP

7439-97-6	SW7471	
Leach_Date	Extract_Date_and_Time	Extract_Method
	10/28/2014	NONE
Analysis_Method	Analytical_Method_Modifier	Unit
E160.3		%
Leach_Date	Extract_Date_and_Time	Extract_Method
	11/05/2014	NONE
Analysis_Method	Analytical_Method_Modifier	Unit
SATPASTE-PH		pH Units
CAS_Number	Analysis_Method	Analytical_Method_Modifier
10-29-7	SATPASTE-PH	
Leach_Date	Extract_Date_and_Time	Extract_Method
	11/05/2014	NONE
Analysis_Method	Analytical_Method_Modifier	Unit
SATPASTE-EC		umhos/cm
Leach_Date	Extract_Date_and_Time	Extract_Method
	11/07/2014	NONE
Analysis_Method	Analytical_Method_Modifier	Unit
E200.7		mg/L
E200.7		mg/L
E200.7		mg/L
SATPASTE-SAR		[blank]
CAS_Number	Analysis_Method	Analytical_Method_Modifier
7439-95-4	E200.7	
7440-23-5	E200.7	
7440-70-2	E200.7	

mg/kg wet	TA	0.0022
Start_Date_and_Time	End_Date	Conc_Method
Result_Value	Qualifier	Test_Type
93.9		TA
Start_Date_and_Time	End_Date	Conc_Method
Result_Value	Qualifier	Test_Type
8.32		TA
Unit	Test_Type	Result_Value1
pH Units	TA	7.79
Start_Date_and_Time	End_Date	Conc_Method
Result_Value	Qualifier	Test_Type
570		TA
Start_Date_and_Time	End_Date	Conc_Method
Result_Value	Qualifier	Test_Type
10.0	ND	TA
11.7		TA
66.1		TA
0.37		TA
Unit	Test_Type	Result_Value1
mg/L	TA	125
mg/L	TA	1080
mg/L	TA	549

			0.00200
Init_Vol	Final_Vol	Init_Vol_Units	Final_Vol_Units
		g	mL
Result_Text	Data_Flag	Dilution	Fraction_Type
		1	NS
Init_Vol	Final_Vol	Init_Vol_Units	Final_Vol_Units
		g	mL
Result_Text	Data_Flag	Dilution	Fraction_Type
		1	NS
Qualifier1	Result_Value2	Qualifier2	Spike_Amount
Init_Vol	Final_Vol	Init_Vol_Units	Final_Vol_Units
		g	ml
Result_Text	Data_Flag	Dilution	Fraction_Type
		1	NS
Init_Vol	Final_Vol	Init_Vol_Units	Final_Vol_Units
		g	ml
Result_Text	Data_Flag	Dilution	Fraction_Type
	U	10	dissolved
	D	10	dissolved
	D	10	dissolved
		1	NS
Qualifier1	Result_Value2	Qualifier2	Spike_Amount

109	115	85	20	20
Analysis_Date_and_Time	Report_Basis	Comments	File_Name	Column_Number
	1			NA
MDC	Reported_MDC	Detection_Limit	Instrument_Detection_Limit	Method_Detection_Limit
Analysis_Date_and_Time	Report_Basis	Comments	File_Name	Column_Number
	1			NA
MDC	Reported_MDC	Detection_Limit	Instrument_Detection_Limit	Method_Detection_Limit
Percent_Recovery	Upper_Limit	Lower_Limit	RPD	RPD_Limit
			20	20
Analysis_Date_and_Time	Report_Basis	Comments	File_Name	Column_Number
	1			NA
MDC	Reported_MDC	Detection_Limit	Instrument_Detection_Limit	Method_Detection_Limit
Analysis_Date_and_Time	Report_Basis	Comments	File_Name	Column_Number
	1			NA
MDC	Reported_MDC	Detection_Limit	Instrument_Detection_Limit	Method_Detection_Limit
		10.0		0.190
		10.0		0.041
		10.0		0.039
Percent_Recovery	Upper_Limit	Lower_Limit	RPD	RPD_Limit
			20	20
			20	20
			20	20



Comments	Analytical_Batch_ID		
	B411027		
Comments	Analytical_Batch_ID		
	B411055		
TPU	DER	DER_Limit	Rerun_Number
Comments	Analytical_Batch_ID		
	B411057		
Comments	Analytical_Batch_ID		
	B411062		
	B411062		
	B411062		
	B411062		
TPU	DER	DER_Limit	Rerun_Number

B411026
QC_Batch_ID
B411055
QC_Batch_ID
B411062
B411062
B411062