

Appendix H
Monitoring

Stormwater/UIC Monitoring Data for 7/1/2015 to 6/30/2016

TABLE 1 – Action Levels for Pollutants	
Monitoring Parameter	Action Level at Injection Point (µg/L)
Benzo(a)pyrene	2
Pentachlorophenol	10
Di(2-ethylhexyl)phthalate	300
Lead (Total)	500
Zinc (Total)	50,000
Copper (Total)	1,300

Location of Raw Data:

.. \2015-16 Data

Sample Location	1. 9/17/2015 B511706	2. 12/10/2015 5121111	3. 2/18/16 C6B1802	4. 2/27/16 C6B2903	5. 4/14/16 C6D1405	6. 4/20/16 C6D2002
1. Airport	x			x		
2. Century Drive	x		x		x	
3. Boyd Acres	x		x		x	
4. Empire Ave	x		x		x	
5. Brookwood Blvd	x		x		x	
6. Ladera Rd	x		x		x	
7. Dup	x		x		x	
8. Field Blank	x		x		x	
9. Yellow Illicit Discharge		x				
10. Armour Rd Catch Basin						x

Date Sampled	Sample Location	UIC Number	COB Sample #	URC Sample #	*Benzo(a)pyrene ug/l	*Bis2- (ethylhexyl)phthalate ug/l	*Pentachlorophenol ug/l	*Copper ug/l	*Lead ug/l	*Zinc ug/l
Units										
Analytical Method										
Reporting Limit (MRL)										
Detection Limit (MDL)										
Effluent Discharge Action Level at Injection Point (ug/l)										
1. 9/17/2015	1. Airport	DDW009628	B511706-01	5092103-01	2.0	0.50	10	1300	500	50,000
Samplers: Jeff Buystedt	2. Century Drive	DDW003323	B511706-02	5092103-02	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	6.0	1.0	137
	3. Boyd Acres	DDW003354	B511706-03	5092103-03	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	40	4.0	298
	4. Empire Ave	DDW008884	B511706-04	5092103-04	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	22	2.0	335
Dave Buchanan	5. Brookwood Blvd	DDW003312	B511706-05	5092103-05	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	56	5.0	384
	6. Ladera Rd	DDW003252	B511706-06	5092103-06	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	24	2.0	184
	7. Duplicate **				Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	14	2.0	188
	8. Field Blank		B511706-08	5092103-07	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	25

* Analysis was performed by Umpqua Research Company

** Duplicate samples were not taken due to sampler malfunction

Date Sampled	Sample Location	UIC Number	COB Sample #	URC Sample #	*Benzo(a)pyrene	*Bis2-(ethylhexyl)phthalate	*Pentachlorophenol	*Copper	*Lead	*Zinc
		Units								
	Analytical Method									
	Reporting Limit (MRL)									
	Detection Limit (MDL)									
	Effluent Discharge Action Level at Injection Point (ug/l)									
2. 12/10/2015	1. Yellow Illicit Discharge	DDW009628	NA	5121111-01	Not Detected(ND)	22	Not Detected(ND)	60	19	467
	Samplers:	Analyte		*Caffeine	*Ethylene Glycol	*Propylene Glycol	*Toluene	*EPA 8260 scan	*Aluminum	*Boron
	Units			ppm	ug/l	ug/l	ppm	ug/l	ug/l	ug/l
Jeff Buystedt	Analytical Method			EPA 8260	EPA 8015B	EPA 8260	EPA 8260	EPA 8260	EPA 6020	EPA 6020
Dave Buchanan	Detection Limit (MDL)			-	Not Detected(ND)	Not Detected(ND)	1.0	1.0	40	50
Christina Davenport	EDL (ug/l)			-	-	-	-	-	-	-
1. 507 NW Wall St -Yellow Illicit Discharge				3	Not Detected(ND)	Not Detected(ND)	6.0	Not Detected(ND)	1910	188

* Analysis was performed by Umpqua Research Company

Date Sampled	Sample Location	UIC Number	COB Sample #	ESC Sample #	*Benzo(a)pyrene	*Bis2-(ethylhexyl)phthalate	*Pentachlorophenol	*Copper	*Lead	*Zinc
		Units								
	Analytical Method									
	Detection Limit (MDL)									
	Effluent Discharge Action Level at Injection Point (ug/l)									
3. 2/18/2016	1. Airport **	DDW009628	No	Sample	2.0	300	10	1300	500	50,000
	Samplers:									
	Units									
2. Century Drive	C6B1802-02	DDW003323		L819127-01	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	12	Not Detected(ND)	136
Jeff Buystedt	C6B1802-03	DDW003354		L819127-02	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	14	Not Detected(ND)	199
Dave Buchanan	C6B1802-04	DDW008884		L819127-03	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	64	9.6	390
	C6B1802-05	DDW003312		L819127-04	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	89	16	369
	C6B1802-06	DDW003252		L819127-05	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	10	Not Detected(ND)	97
	C6B1802-07	DDW003354		L819127-06	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	19	6.0	235
	C6B1802-08			L819127-07	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)

* Analysis was performed by ESC Lab Sciences

** There was not enough rain fall at Airport to collect a sample

Date Sampled	Sample Location	UIC Number	COB Sample #	ESC Sample #	*Benzo(a)pyrene	*Bis2-(ethylhexyl)phthalate	*Pentachlorophenol	*Copper	*Lead	*Zinc
		Units								
	Analytical Method									
	Detection Limit (MDL)									
	Effluent Discharge Action Level at Injection Point (ug/l)									
4. 2/27/2016	1. Airport	DDW009628	C6B2903-01	L820681-01	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	20	13	3,310
	Samplers:									
	Units									
2. Century Drive	C6B2903-01	DDW003323			1.0	3.0	EPA 8270 C	EPA 200.7	EPA 200.7	EPA 200.7
Dave Buchanan	C6B2903-02	DDW003354			2.0	300	10	10	5.0	50
Jeff Buystedt	C6B2903-03	DDW008884			Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	1300	500	50,000
	C6B2903-04	DDW003312			Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	20	13	3,310
	C6B2903-05	DDW003252			Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)
	C6B2903-06	DDW003354			Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)
	C6B2903-07				Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)
	C6B2903-08				Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)

* Analysis was performed by ESC Lab Sciences

Date Sampled	Sample Location	UIC Number	COB Sample #	ESC Sample #	*Benzo(a)pyrene	*Bis-(ethylhexyl)phthalate	*Pentachlorophenol	*Copper	*Lead	*Zinc
Units										
Analytical Method										
Detection Limit (MDL)										
Effluent Discharge Action Level at Injection Point (ug/l)										
5. 4/14/2016	1. Airport	DDW009628	C6D1405-01	L830138-01	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	13	ND	3,290
Samplers: Jeff Buystedt Dave Buchanan	2. Century Drive	DDW003323	C6D1405-02	L830138-02	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	35	ND	271
	3. Boyd Acres	DDW003354	C6D1405-03	L830138-03	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	19	ND	214
	4. Empire Ave	DDW008884	C6D1405-04	L830138-04	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	80	ND	545
	5. Brookwood Blvd	DDW003312	C6D1405-05	L830138-05	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	22	ND	124
	6. Ladera Rd**	DDW007912	No	Sample						
	7. Dup Century	DDW003323	C6D1405-07	L830138-06	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	33	ND	235
	8. Field Blank	-	C6D1405-08	L830138-07	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	ND	ND	ND

* Analysis was performed by ESC Lab Sciences

** There was not enough rain fall at Ladera to collect a sample

Date Sampled	Sample Location	UIC Number	COB Sample #	ESC Sample #	*Benzo(a)pyrene	*Bis-(ethylhexyl)phthalate	*Pentachlorophenol	*Copper	*Lead	*Zinc
Units										
Analytical Method										
Detection Limit (MDL)										
Effluent Discharge Action Level at Injection Point (ug/l)										
6. 4/20/2016	1. Armour Road Catch Basin Run off	-	C6D2002-01	L830865-01	Not Detected(ND)	Not Detected(ND)	Not Detected(ND)	18	15	168
Samplers: Jeff Buystedt Dave Buchanan	Analyte	*Gasoline	*Mineral Spirits	*Kerosene	*Diesel(C12-C24)	*#6 Fuel Oil	*Hydraulic Fluid	*Motor Oil(C24-C30)	*Chromium	*Cadmium
	Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Detection Limit (MDL)	Analytical Method	NWTPH-HCID	NWTPH-HCID	NWTPH-HCID	NWTPH-HCID	NWTPH-HCID	NWTPH-HCID	NWTPH-HCID	EPA 200.7	EPA 200.7
	EDL (ug/l)	500	500	500	500	500	500	2500	10	2.0
1. Armour Road Catch Basin Run off		1590	Not Detected(ND)	Not Detected(ND)	1190	Not Detected(ND)	Not Detected(ND)	5310	Not Detected(ND)	Not Detected(ND)

