Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 2 Dry Creek/PD 1845	8/30/2013	TIME	1126	1144	1159	**Baseline/Pre-Work**
		SAMPLE NO.	PD1845-1	PD1845-2	PD1845-3	Arrived on site about 1110 to perform pre-work baseline monitoring and sampling at upstream, internal and downstream sampling points; sampling points in same locations as in previous years; from a water quality standpoint, project is "good to go" for proposed start on Tuesday, 09/03.
		TEMP (°C)	26.52	26.55	27.53	
		pH	7.67	7.79	8.01	
		Turbidity (NTUs)	1.20	0.78	0.99	
		Dissolved O2 (mg/L)	18.84	14.36	13.97	
		Total Suspended Solids (mg/L)	11	ND	6	
Reach 2 Dry Creek/PD 1845	9/3/2013	TIME	1140	1155	1211	**During Work**
		SAMPLE NO.	PD1845-1	PD1845-2	PD1845-3	Arrived on site about 1130; 1st day of field operations; BMP consists of straw waddle; downstream sampling point relocated below the BMP; upstream and internal turbidity readings of 0.91 NTU and 0.56 NTU are both below the respective baseline levels of 1.20 and 0.78; downstream turbidity reading of 2.04 NTU is over 20% above the baseline level of 0.99 (+20% = 1.19) possibly due to carpet cleaning company discharging brown liquid (waster water?) into creek from (recorded by Crew Leader) residential complex on the east side of PD 1845; notified and discussed results with Crew Leader Phil Horst of FMD Hansen Yard.
		TEMP (°C)	26.28	27.24	28.43	
		pH	7.81	7.86	8.18	
		Turbidity (NTUs)	0.91	0.56	2.04	
		Dissolved O2 (mg/L)	30.70	14.18	9.36	
		Total Suspended Solids (mg/L)	16	11	16	
Reach 2 Dry Creek/PD 1845	9/4/2013	TIME	1233	1245	1259	**During Work**
		SAMPLE NO.	PD1845-1	PD1845-2	PD1845-3	Arrived on site about 1220; 2nd day of field operations; upstream turbidity reading of 1.04 NTU is below the baseline level of 1.20; internal turbidity reading of 2.29 NTU is over 20% above the baseline level of 0.78 (+20% = 0.94) and downstream turbidity reading of 0.78 NTU is below the baseline level of 0.99; notified and discussed results with Crew Leader Phil Horst of FMD Hansen Yard.
		TEMP (°C)	27.91	27.90	28.75	
		pH	7.74	7.88	8.02	
		Turbidity (NTUs)	1.04	2.29	0.78 <BL	
		Dissolved O2 (mg/L)	14.80	11.46	10.66	
		Total Suspended Solids (mg/L)	ND	ND	ND	
Reach 2 Dry Creek/PD 1845	9/5/2013	TIME	1052	1110	1123	**During Work**
		SAMPLE NO.	PD1845-1	PD1845-2	PD1845-3	Arrived on site about 1120; 3rd day of field operations; upstream and internal turbidity readings of 1.61 NTU and 1.35 NTU are both over 20% above the respective baseline levels of 1.20 (+20% = 1.44) and 0.78 (+20% = 0.94); downstream turbidity reading of 2.89 NTU is over 20% above the baseline level of 0.99 (+20% = 1.19) possibly due to a large amount of floating debris behind the BMP; notified and discussed results/solutions with Crew Leader Phil Horst of FMD Hansen Yard including removal and resetting the BMP and/or installing a second BMP upstream of the initial BMP.
		TEMP (°C)	25.65	26.23	26.80	
		pH	7.70	7.90	7.96	
		Turbidity (NTUs)	1.61	1.35	2.89	
		Dissolved O2 (mg/L)	13.80	16.35	11.03	
		Total Suspended Solids (mg/L)	ND	ND	ND	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 2 Dry Creek/PD 1845	9/6/2013	TIME	933	952	1004	**During Work**
		SAMPLE NO.	PD1845-1	PD1845-2	PD1845-3	Arrived on site about 0930; 4th day of field operations; upstream and internal turbidity readings of 1.66 NTU and 1.83 NTU are both over 20% above the respective baseline levels of 1.20 (+20% = 1.44) and 0.78 (+20% = 0.94); downstream turbidity reading of 1.94 NTU is over 20% above the baseline level of 0.99 (+20% = 1.19); noted the installation of 2 additional BMPs (straw waddles) upstream of the initial BMP; notified and discussed results/possible solutions with Crew Leader Phil Horst of FMD Hansen Yard.
		TEMP (°C)	24.35	24.64	24.69	
		pH	7.63	7.77	7.82	
		Turbidity (NTUs)	1.66	1.83	1.94	
		Dissolved O2 (mg/L)	7.08	14.84	10.72	
		Total Suspended Solids (mg/L)	ND	ND	ND	
Reach 2 Dry Creek/PD 1845	9/9/2013	TIME	810	824	831	**During Work**
		SAMPLE NO.	PD1845-1	PD1845-2	PD1845-3	Arrived on site about 0800; 5th day of field operations; upstream and internal turbidity readings of 2.45 NTU and 2.52 NTU are both over 20% above the respective baseline levels of 1.20 (+20% = 1.44) and 0.78 (+20% = 0.94); downstream turbidity reading of 2.02 NTU is over 20% above the baseline level of 0.99 (+20% = 1.19) but, below the upstream turbidity of 2.45; downstream turbidity is still over 20% above the baseline limit even after the project sitting idle throughout the weekend; turbidity meter calibrated immediately prior to monitoring/sampling; noted the installation of 2 additional BMPs (straw waddles) upstream of the initial BMP (total of 5 BMPs now installed); notified and discussed results/possible solutions with Crew Leader Phil Horst of FMD Hansen Yard.
		TEMP (°C)	22.49	22.27	22.06	
		pH	7.79	7.88	7.96	
		Turbidity (NTUs)	2.45	2.52	2.02	
		Dissolved O2 (mg/L)	30.98	13.21	14.99	
		Total Suspended Solids (mg/L)	ND	ND	ND	
Reach 2 mDry Creek/PD 1845	9/10/2013	TIME	1100	1114	1150	**During Work**
		SAMPLE NO.	PD1845-1	PD1845-2	PD1845-3	Arrived on site about 1045; 6th day of field operations; end of daily monitoring/start of weekly monitoring; upstream and internal turbidity readings of 1.57 NTU and 4.82 NTU are both over 20% above the respective baseline levels of 1.20 (+20% = 1.44) and 0.78 (+20% = 0.94); downstream turbidity reading of 0.67 NTU is below the baseline level of 0.99 and below the upstream turbidity of 1.57; higher turbidity at internal sampling point due to floating debris in water; noted the installation of 2 additional BMPs (straw waddles) upstream of the initial BMP (total of 7 BMPs now installed); notified Crew Leader Phil Horst of FMD Hansen Yard of slight increase in turbidity at internal sampling point and positive results downstream.
		TEMP (°C)	21.43	22.20	23.26	
		pH	7.75	7.91	8.22	
		Turbidity (NTUs)	1.57	4.82	0.67 <BL	
		Dissolved O2 (mg/L)	25.63	8.48	14.84	
		Total Suspended Solids (mg/L)	ND	ND	ND	
Reach 2 Dry Creek/PD 1845	9/18/2013	TIME	1211	1233	1241	**Post Work**
		SAMPLE NO.	PD1845-1	PD1845-2	PD1845-3	Arrived on site about 1200 to perform post-work monitoring and sampling at upstream, internal, and downstream sampling points; project reportedly completed on Friday, 09/13; all BMPs removed; upstream turbidity reading of 1.57 NTU is just slightly over 20% above the baseline level of 1.20 (+20% = 1.44); internal turbidity reading of 1.39 NTU is over 20% above the baseline level of 0.78 (+20% = 0.94) and the downstream turbidity reading of 0.99 NTU is at the original baseline level.
		TEMP (°C)	22.28	24.08	24.09	
		pH	7.80	8.03	8.24	
		Turbidity (NTUs)	1.57	1.39	0.99 =BL	
		Dissolved O2 (mg/L)	15.69	16.12	15.70	
		Total Suspended Solids (mg/L)	ND	10.0	ND	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 99 Kagel Canyon	8/30/2013	TIME	see Comments			**Baseline/Pre-Work**
		SAMPLE NO.				Arrived on site during afternoon of Friday, 8/30/13, to perform pre-work baseline monitoring and sampling prior to proposed start of work on Tuesday, 9/3/2013; evaluated upstream, internal, and downstream sampling points established from previos cleanouts; surface water present at upstream and internal sampling points but no water present at downstream point; pre-work baseline monitoring and sampling not performed because site did not meet RWQCB parameters.
		TEMP (°C)				
		pH				
		Turbidity (NTUs)				
		Dissolved O2 (mg/L)				
		Total Suspended Solids (mg/L)				
Reach 99 Kagel Canyon	9/3/2013	TIME	see Comments			**During Work**
		SAMPLE NO.				Arrived on site about 1415; 1st day of field operations; surface water present at upstream and internal sampling points but no water present at downstream point; water quality monitoring and sampling not performed because site did not meet RWQCB parameters; notified and discussed situation with Crew Leader Manual of FMD Hansen Yard.
		TEMP (°C)				
		pH				
		Turbidity (NTUs)				
		Dissolved O2 (mg/L)				
		Total Suspended Solids (mg/L)				
Reach 99 Kagel Canyon	9/4/2013	TIME	see Comments			**During Work**
		SAMPLE NO.				Arrived on site about 1030; 2nd day of field operations; surface water present at upstream and internal sampling points but no water present at downstream point; water quality monitoring and sampling not performed because site did not meet RWQCB parameters.
		TEMP (°C)				
		pH				
		Turbidity (NTUs)				
		Dissolved O2 (mg/L)				
		Total Suspended Solids (mg/L)				
Reach 99 Kagel Canyon	9/6/2013	TIME	see Comments			**During Work**
		SAMPLE NO.				No evaluation on 09/05/13; arrived on site about 1330; 4th day of field operations; surface water present at upstream and middle sampling points but no water present at downstream point; water quality monitoring and sampling not performed because site did not meet RWQCB parameters.
		TEMP (°C)				
		pH				
		Turbidity (NTUs)				
		Dissolved O2 (mg/L)				
		Total Suspended Solids (mg/L)				

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 99 Kagel Canyon	9/10/2013	TIME	see Comments			**Post Work**
		SAMPLE NO.				No evaluation on 09/19/13 which was reported last day of field operations; arrived on site about 1430 to perform post-work monitoring & sampling at upstream, internal, adn downstream sampling points; surface water present at upstream and internal sampling points but no water present at downstream point; post-work monitoring and sampling not performed because site did not meet RWQCB parameters.
		TEMP (°C)				
		pH				
		Turbidity (NTUs)				
		Dissolved O2 (mg/L)				
		Total Suspended Solids (mg/L)				
Reach 99 Project 106 Outlet	8/30/2013	TIME	see Comments			**During Work**
		SAMPLE NO.				Made a preliminary evaluation of Project 106 Outlet SBC on Friday 8/30/2013, with Gilbert and Willie of FMD Hansen Yard. Evaluated possible locations for upstream, middle, and downstream sampling points. Overall site has very limited access for monitoring and sampling. Surface water was present at potential upstream and middle sampling points but no water was present at the potential downstream point.
		TEMP (°C)				
		pH				
		Turbidity (NTUs)				
		Dissolved O2 (mg/L)				
		Total Suspended Solids (mg/L)				
Reach 99 Project 106 Outlet	9/3/2013	TIME	see Comments			**During Work**
		SAMPLE NO.				Arrived on site to perform additional evaluation on Saturday 8/31/2013, however, the gate was locked on Densmore Street at the bus line, south Victory, preventing access to the site. Will continue to evaluate but, at present no monitoring or sampling in accordance with RWQCB parameters can be performed. Met with FMD Crew Leader Juan Rodarte of Hansen Yard in late morning on Tuesday 9/3/13 to discuss cleanout operations, scope of project, estimated number of days to complete the project, water quality monitoring and locations of upstream, intrnal and downstream sampling points; surface water not diverted during field operations; han crews working on banks clearing vegetation at time of visit;
		TEMP (°C)				
		pH				
		Turbidity (NTUs)				
		Dissolved O2 (mg/L)				
		Total Suspended Solids (mg/L)				
Reach 99 Project 106 Outlet	9/3/2013 - Cont'd	TIME	see Comments			**During Work**
		SAMPLE NO.				BMP consists of straw waddle at d/s limit of work area; work to be completed at end of the day. Reevaluated possible locations for upstream, middle, and downstream sampling points. Overall site has very limited access for monitoring and sampling. Very minimal inflow from upstream and water is stagnant within work area. Surface water present at potential upstream and middle sampling points but no water present at potential downstream point (see Photos 1, 2, and 3). Water monitoring and sampling not performed because site did not meet RWQCB parameters.
		TEMP (°C)				
		pH				
		Turbidity (NTUs)				
		Dissolved O2 (mg/L)				
		Total Suspended Solids (mg/L)				

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 7 Bull Creek	8/31/2013	TIME	1053	1105	1132	**Baseline/Pre-Work**
		SAMPLE NO.	BCRK-1	BCRK-2	BCRK-3	Made preliminary evaluation of the Bull Creek SBC on Friday, 8/30, with Gilbert and Willie of FMD Hansen Yard; arrived on site about 1010 to perform pre-work baseline monitoring and sampling; established upstream, internal, and downstream sampling points; from a water quality standpoint, project is "good to go" for proposed start on Wednesday, 09/04.
		TEMP (°C)	32.77	32.56	29.24	
		pH	9.85	9.98	8.43	
		Turbidity (NTUs)	1.38	1.45	2.93	
		Dissolved O2 (mg/L)	19.96	13.53	9.05	
		Total Suspended Solids (mg/L)	8.0	10.0	11.0	
Reach 7 Bull Creek	9/4/2013	TIME	1125	1134	1151	**During Work**
		SAMPLE NO.	BCRK-1	BCRK-2	BCRK-3	Arrived on site about 1115; 1st day of field operations; crew was present but waiting on arrival of Crew Leader Juan Rodarte before starting work; BMP consists of permenent trash rack across Bull Creek at downstream limit of work; upstream and internal turbidity readings of 3.23 NTU and 3.32 NTU are both over 20% above the respective baseline levels of 1.38 (+20% = 1.66) and 1.45 (+20% = 1.75) due to debris from upstream; downstream turbidity of 3.26 NTU is within the acceptable 20% limit of the baseline level of 2.93 (+20% = 3.51); Crew Leader Juan Rodarte of FMD Hansen Yard notified of results via e-mail.
		TEMP (°C)	34.31	34.22	28.74	
		pH	9.52	9.53	8.36	
		Turbidity (NTUs)	3.23	3.32	3.26 <20% BL	
		Dissolved O2 (mg/L)	20.43	10.44	12.73	
		Total Suspended Solids (mg/L)	22.0	13.0	ND	
Reach 7 Bull Creek	9/5/2013	TIME	0920	0939	0959	**During Work**
		SAMPLE NO.	BCRK-1	BCRK-2	BCRK-3	Arrived on site about 0900; 2nd day of field operations; crew working on banks of creek; FMD Hansen Yard reported the crew generally works on the rock slope and does not impact the water therefore, BMP not installed; upstream turbidity of 2.73 NTU is over 20% above the baseline level of 1.38 (+20% = 1.66) due to upstream sources; internal turbidity reading of 6.96 NTU is over 20% above the baseline level of 1.45 (+20% = 1.75); downstream turbidity reading of 3.76 NTU is slightly over 20% above the baseline level of 2.93 (+20% = 3.51); increase in turbidity at internal and downstream sampling points due to ducks feeding in creek upstream of each sampling point; Crew Leader Juan Rodarte of FMD Hansen Yard notified of results via e-mail.
		TEMP (°C)	27.38	27.20	26.69	
		pH	8.69	8.74	8.05	
		Turbidity (NTUs)	2.73	6.96	3.76	
		Dissolved O2 (mg/L)	19.49	9.30	11.42	
		Total Suspended Solids (mg/L)	8.0	11.0	ND	
Reach 7 Bull Creek	9/6/2013	TIME	see Comments			**During Work**
		SAMPLE NO.				Arrived on site about 1050; planned 3rd day of field operations; access gate from Victory Blvd. locked and did not see any vehicles or FMD personnel at site; monitoring and sampling not performed and unknown if project is completed; information from Hansen Yard on Monday, 09/09, indicated the crew was working and on site Friday, 09/06; crew was apparently working on the west bank of the creek downstream of the "trash rack" and out of sight from the Victory Blvd. bridge.
		TEMP (°C)				
		pH				
		Turbidity (NTUs)				
		Dissolved O2 (mg/L)				
		Total Suspended Solids (mg/L)				

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 7 Bull Creek	9/9/2013	TIME	0945	0953	1012	**Post Work**
		SAMPLE NO.	BCRK-1	BCRK-2	BCRK-3	Arrived on site about 0940 to perform post-work monitoring and sampling of upstream, internal, and downstream sampling points; project completed on Friday, 09/06; upstream turbidity reading of 5.98 NTU is over 20% above the baseline level of 1.38 (+20% = 1.66); internal and downstream turbidity readings of 5.08 NTU and 4.68 NTU are both over 20% above the respective baseline levels of 1.45 (+20% = 1.75) and 2.93 (+20% = 3.51); increased turbidity at all three sampling points due to increased flow from upstream and a large amount of floating debris from upstream sources.
		TEMP (°C)	25.05	25.64	24.30	
		pH	9.18	9.23	8.46	
		Turbidity (NTUs)	5.98	5.08	4.68	
		Dissolved O2 (mg/L)	16.16	11.58	9.37	
		Total Suspended Solids (mg/L)	25.0	18.0	5.0	
Reach 26 Project 74	9/12/2013	TIME	747	800	816	**Baseline/Pre-Work**
		SAMPLE NO.	PROJ74-1	PROJ74-2	PROJ74-3	Arrived on site about 0730 and met with Javier and Hector of FMD 83rd St Yard; performed pre-work baseline monitoring and sampling at upstream, internal, and downstream sampling points; BMPs (floating booms aka "pig socks") located upstream of sampling point #1 and just downstream of sampling point #2; from a water quality standpoint, project is "good to go" for start on Monday, 09/16.
		TEMP (°C)	20.52	20.96	20.94	
		pH	8.70	8.23	7.68	
		Turbidity (NTUs)	2.26	2.97	13.10	
		Dissolved O2 (mg/L)	15.26	14.37	15.15	
		Total Suspended Solids (mg/L)	8.0	4.0	6.0	
Reach 26 Project 74	9/16/2013	TIME	839	852	907	**During Work**
		SAMPLE NO.	PROJ74-1	PROJ74-2	PROJ74-3	Arrived on site about 0830; 1st day of field operations; upstream turbidity of 5.58 NTU is over 20% above the baseline level of 2.26 (+20% = 2.72) due to upstream sources; internal turbidity reading of 3.61 NTU is just slightly above the 20% baseline level of 2.97 (+20% = 3.57) and downstream turbidity reading of 13.2 NTU is within the acceptable 20% range when compared to the baseline level of 13.1 (+20% = 15.7); notified and discussed results with FMD Crew Leader Steve McMihelk.
		TEMP (°C)	22.20	21.98	22.01	
		pH	8.64	7.81	7.58	
		Turbidity (NTUs)	5.58	3.61	13.2 <20% BL	
		Dissolved O2 (mg/L)	30.66	15.85	12.68	
		Total Suspended Solids (mg/L)	7.0	5.0	4.0	
Reach 26 Project 74	9/17/2013	TIME	1538	1548	1601	**During Work**
		SAMPLE NO.	PROJ74-1	PROJ74-2	PROJ74-3	Arrived on site about 1530; 2nd day of field operations; crew already gone for the day; upstream turbidity reading of 4.83 NTU is over 20% above the baseline level of 2.26 (+20% = 2.72) due to upstream sources; internal turbidity reading of 4.04 NTU is slightly above the 20% baseline level of 2.97 (+20% = 3.57) and downstream turbidity reading of 13.2 NTU is within the acceptable 20% range when compared to the baseline level of 13.1 (+20% = 15.7).
		TEMP (°C)	29.51	24.74	24.33	
		pH	10.00	8.09	7.60	
		Turbidity (NTUs)	4.83	4.04	13.8 <20% BL	
		Dissolved O2 (mg/L)	12.01	14.42	15.35	
		Total Suspended Solids (mg/L)	8.0	5.0	2.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 26 Project 74	9/18/2013	TIME	742	751	810	**During Work**
		SAMPLE NO.	PROJ74-1	PROJ74-2	PROJ74-3	Arrived on site about 0735; 3rd day of field operations; upstream turbidity reading of 2.23 NTU is below the baseline level of 2.26; internal turbidity reading of 3.63 NTU is just barely over 20% above the baseline level of 2.97 (+20% = 3.57) and the downstream turbidity reading of 16.8 NTU is slightly over 20% above the baseline level of 13.1 (+20% = 15.7); during previous day (09/17), crew was on the bank removing vegetation from the channel with hand tools which probably resulted in the slightly elevated turbidity reading at the internal sampling point on 09/18; discussed adjusting the downstream BMP (floating boom) with Crew Leader Steve McMihelk to remedy the elevated turbidity.
		TEMP (°C)	20.44	20.77	20.54	
		pH	8.53	7.76	7.40	
		Turbidity (NTUs)	2.23	3.63	16.80	
		Dissolved O2 (mg/L)	19.26	12.51	13.15	
		Total Suspended Solids (mg/L)	7.0	6.0	4.0	
Reach 26 Project 74	9/19/2013	TIME	910	918	938	**During Work**
		SAMPLE NO.	PROJ74-1	PROJ74-2	PROJ74-3	Arrived on site about 0905; 4th day of field operations; additional BMPs (floating booms, one each) installed at upstream and internal sampling points; crew was not working directly in the water and had temporarily stopped working within the immediate area along each bank until the sampling results improve; upstream turbidity reading of 2.31 NTU is within the acceptable 20% range of the baseline level of 2.26 (+20% = 2.72); internal and downstream turbidity readings of 1.98 NTU and 11.2 NTU are both below the respective baseline levels of 2.97 and 13.1; notified and discussed results with Orbel Jaramillo of FMD Imperial Yard.
		TEMP (°C)	21.40	21.10	21.46	
		pH	8.63	8.02	7.93	
		Turbidity (NTUs)	2.31	1.98	11.2 < BL	
		Dissolved O2 (mg/L)	17.68	15.34	15.98	
		Total Suspended Solids (mg/L)	3.0	2.0	4.0	
Reach 26 Project 74	9/20/2013	TIME	915	925	942	**During Work**
		SAMPLE NO.	PROJ74-1	PROJ74-2	PROJ74-3	Arrived on site about 0910; 5th day of field operations; additional BMP (floating boom) installed immediately above the downstream sampling point late yesterday; upstream turbidity reading of 3.47 NTU is over 20% above the baseline level of 2.26 (+20% = 2.72) due to upstream sources; internal turbidity reading of 2.13 NTU is below the baseline level of 2.97 and the downstream turbidity reading of 15.5 NTU is within the acceptable 20% limit of the baseline level of 13.1 (+ 20% = 15.7); notified and discussed results with Orbel Jaramillo of FMD Imperial Yard and Steve McMihelk of 83rd St Yard.
		TEMP (°C)	21.72	21.51	20.98	
		pH	8.53	8.06	7.60	
		Turbidity (NTUs)	3.47	2.13	15.5 <20% BL	
		Dissolved O2 (mg/L)	21.91	14.77	14.50	
		Total Suspended Solids (mg/L)	3.0	2.0	7.0	
Reach 26 Project 74	9/21/2013	TIME	859	908	923	**During Work**
		SAMPLE NO.	PROJ74-1	PROJ74-2	PROJ74-3	Arrived on site about 0845; 6th and final day of field operations; upstream turbidity reading of 3.47 NTU is over 20% above the baseline level of 2.26 (+20% = 2.72) due to upstream sources; internal turbidity reading of 3.62 NTU is slightly over 20% above the baseline level of 2.97 (+20% = 3.57) due to a local water company flushing their lines and discharging the flow to the SBC as documented in 09/20/13 e-mail from Steve Lipka of FMD Imperial Yard; downstream turbidity reading of 8.16 is below the baseline level of 13.1; notified and discussed results with Orbel Jaramillo of FMD Imperial Yard.
		TEMP (°C)	21.07	21.62	21.73	
		pH	8.68	8.13	7.84	
		Turbidity (NTUs)	3.47	3.62	8.16 < BL	
		Dissolved O2 (mg/L)	19.04	16.36	16.31	
		Total Suspended Solids (mg/L)	4.0	5.0	2.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 26 Project 74	9/26/2013	TIME	1000	1009	1020	**Post Work**
		SAMPLE NO.	PROJ74-1	PROJ74-2	PROJ74-3	Arrived on site about 0950 to perform post-work monitoring and sampling; increased flow at upstream and downstream sampling points; upstream and internal turbidity readings of 9.76 NTU and 7.05 NTU are both over 20% above the respective baseline levels of 2.26 (+20% = 2.72) and 2.97 (+20% = 3.57) due to increased flow entering the SBC; downstream turbidity reading of 3.04 NTU is well below the baseline level of 13.1.
		TEMP (°C)	22.48	20.99	20.74	
		pH	9.11	8.34	5.76	
		Turbidity (NTUs)	9.76	7.05	3.04 < BL	
		Dissolved O2 (mg/L)	20.54	17.05	14.82	
		Total Suspended Solids (mg/L)	12.0	5.0	2.0	
Reach 15 Pacoima Wash	9/9/2013	TIME	1125	1102	1052	**Baseline/Pre-Work**
		SAMPLE NO.	PWASH-1	PWASH-2	PWASH-3	Arrived on site about 1030 and confirmed the presence of water at the downstream sampling location; monitored and sampled the upstream, internal, and downstream sampling points; noted and talked to personnel from Greater LA Vector Control District in channel with amphibious vehicle broadcasting pellets for mosquito control; large amount of floating plant debris at upstream and internal sampling points; from a water quality standpoint, project is "good to go" for start on Tuesday, 09-10.
		TEMP (°C)	29.85	27.66	25.16	
		pH	9.82	8.41	7.88	
		Turbidity (NTUs)	6.62	3.75	5.18	
		Dissolved O2 (mg/L)	11.06	12.46	15.23	
		Total Suspended Solids (mg/L)	34.0	25.0	5.0	
Reach 15 Pacoima Wash	9/10/2013	TIME	1245	1300	1315	**During Work**
		SAMPLE NO.	PWASH-1	PWASH-2	PWASH-3	Arrived on site about 1230; 1st day of field operations; BMP (straw waddle held with sand bags) placed at internal sampling point followng monitoring; BMP at downstream location consists of 2 rows of double straw waddles held in place with sand bags; upstream, internal, and downstream turbidity readings of 5.59 NTU, 1.46 NTU, and 0.14 NTU are all below the respective baseline levels of 6.62, 3.75, and 5.18; notified and discussed results with crew leaders and Foreman Octaviano Fernandez of FMD Hansen Yard.
		TEMP (°C)	30.36	30.52	26.40	
		pH	10.11	8.94	8.35	
		Turbidity (NTUs)	5.59	1.46	0.14 < BL	
		Dissolved O2 (mg/L)	11.50	10.32	13.80	
		Total Suspended Solids (mg/L)	ND	ND	ND	
Reach 15 Pacoima Wash	9/11/2013	TIME	1130	1145	1154	**During Work**
		SAMPLE NO.	PWASH-1	PWASH-2	PWASH-3	Arrived on site about 1115; 2nd day of field operations; noted additional BMPs (straw waddles held with sand bags) at all concrete weirs within the cleanout area; upstream, internal, and downstream turbidity readings of 3.05 NTU, 2.36 NTU, and 0.49 NTU are all below the respective baseline levels of 6.62, 3.75, and 5.18; notified and discussed results with Crew Leader Mike of FMD Hansen Yard.
		TEMP (°C)	28.11	27.56	25.46	
		pH	9.97	8.95	8.11	
		Turbidity (NTUs)	3.05	2.36	0.49 < BL	
		Dissolved O2 (mg/L)	13.39	15.81	12.84	
		Total Suspended Solids (mg/L)	5.0	9.0	ND	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 15 Pacoima Wash	9/12/2013	TIME	1301	1319	1335	**During Work**
		SAMPLE NO.	PWASH-1	PWASH-2	PWASH-3	Arrived on site about 1245; 3rd day of field operations; upstream, internal, and downstream turbidity readings of 4.63 NTU, 1.65 NTU, and 0.94 NTU are all below the respective baseline levels of 6.62, 3.75, and 5.18; notified and discussed results with Crew Leader Mike of FMD Hansen Yard.
		TEMP (°C)	32.51	32.31	27.94	
		pH	10.14	9.13	8.35	
		Turbidity (NTUs)	4.63	1.65	0.94 < BL	
		Dissolved O2 (mg/L)	15.64	14.42	14.51	
		Total Suspended Solids (mg/L)	5.0	ND	ND	
Reach 15 Pacoima Wash	9/13/2013	TIME	1052	1111	1122	**During Work**
		SAMPLE NO.	PWASH-1	PWASH-2	PWASH-3	Arrived on site about 1045; 4th day of field operations; upstream, internal, and downstream turbidity readings of 2.95 NTU, 1.78 NTU, and 1.18 NTU are all below the respective baseline levels of 6.62, 3.75, and 5.18; notified and discussed results with Crew Leader Mike of FMD Hansen Yard.
		TEMP (°C)	28.68	28.17	26.71	
		pH	9.65	8.64	8.11	
		Turbidity (NTUs)	2.95	1.78	1.18 < BL	
		Dissolved O2 (mg/L)	11.89	9.76	9.47	
		Total Suspended Solids (mg/L)	9.0	9.0	ND	
Reach 15 Pacoima Wash	9/16/203	TIME	1420	1435	1446	**During Work**
		SAMPLE NO.	PWASH-1	PWASH-2	PWASH-3	Arrived on site about 1415; 5th day of field operations; upstream, internal, and downstream turbidity readings of 5.70 NTU, 0.81 NTU, and 1.33 NTU are all below the respective baseline levels of 6.62, 3.75, and 5.18; notified and discussed results with Crew Leader Mike and Foreman Octaviano Fernandez of FMD Hansen Yard.
		TEMP (°C)	34.13	34.88	34.07	
		pH	10.22	8.89	8.92	
		Turbidity (NTUs)	5.70	0.81	1.33 < BL	
		Dissolved O2 (mg/L)	15.19	8.74	13.03	
		Total Suspended Solids (mg/L)	16.0	ND	ND	
Reach 15 Pacoima Wash	9/17/2013	TIME	1248	1303	1313	**During Work**
		SAMPLE NO.	PWASH-1	PWASH-2	PWASH-3	Arrived on site about 1240; 6th day of field operations; last day of daily monitoring and start of weekly monitoring; upstream and downstream turbidity readings of 4.64 NTU and 1.07 NTU are both below the respective baseline levels of 6.62 and 5.18; internal turbidity reading of 5.41 NTU is over 20% above the baseline level of 3.75 (+20% = 4.51) probably due to crew raking cut grass from channel upstream of sampling point; notified and discussed results with Crew Leader Mike of FMD Hansen Yard; adjustments to be made to the BMP downstream of the internal sampling point later in the afternoon.
		TEMP (°C)	31.22	30.89	26.72	
		pH	10.09	8.88	8.21	
		Turbidity (NTUs)	4.64	5.41	1.07 < BL	
		Dissolved O2 (mg/L)	13.46	13.11	12.57	
		Total Suspended Solids (mg/L)	12.0	17.0	ND	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 15 Pacoima Wash	9/26/2013	TIME	1425	1443	1455	**Post Work**
		SAMPLE NO.	PWASH-1	PWASH-2	PWASH-3	Work completed on Friday, 09/20; arrived on site about 1420 to perform post-work monitoring and sampling; upstream turbidity reading of 11.8 NTUs is over 20% above the baseline level of 6.62 (+20% = 7.94) due to upstream sources; internal turbidity of 3.87 NTU is within acceptable limit of the baseline reading of 3.75 (+20% = 4.51) and the downstream turbidity reading of 1.86 NTU is below the baseline level of 5.18.
		TEMP (°C)	24.35	25.34	23.93	
		pH	8.70	8.97	9.55	
		Turbidity (NTUs)	11.80	3.87	1.86 < BL	
		Dissolved O2 (mg/L)	15.27	14.05	16.34	
		Total Suspended Solids (mg/L)	12.0	ND	ND	
Reach 96 Dry Canyon/PD 1591	9/13/2013	TIME	955	844	905	**Baseline/Pre-Work**
		SAMPLE NO.	PD1591-1	PD1591-2	PD1591-3	Arrived on site about 0830 to perform pre-work baseline monitoring and sampling; internal and downstream sampling points at same locations as in previous years; upstream sampling point used in prevoius years moved south due to very difficult access; relocated upstream sampling point is immediately west of the intersection of Old Topanga Canyon Road and Wrencrest Drive on the east side of Dry Creek; from a water quality standpoint, project is "good to go" for start on Monday, 09/16.
		TEMP (°C)	23.96	21.09	21.23	
		pH	8.33	7.59	7.74	
		Turbidity (NTUs)	6.09	5.39	1.38	
		Dissolved O2 (mg/L)	14.21	16.10	15.90	
		Total Suspended Solids (mg/L)	11.0	6.0	ND	
Reach 96 Dry Canyon/PD 1591	9/16/2013	TIME	1159	1209	1220	**During Work**
		SAMPLE NO.	PD1591-1	PD1591-2	PD1591-3	Arrived on site about 1145; 1st day of field operations; BMP (straw waddle) located downstream of work area; upstream turbidity of 11.0 NTU is over 20% above the baseline reading of 6.09 (+20% = 7.31) due to upstream sources; internal and downstream turbidity readings of 5.85 NTU and 1.62 NTU are within the acceptable 20% limit of the resepctive baseline levels of 5.39 (+20% = 6.47) and 1.38 (+20% = 1.66); notified and discussed results with Crew Leader Phil Horst of FMD Hansen Yard.
		TEMP (°C)	27.25	24.25	24.12	
		pH	8.39	7.58	7.75	
		Turbidity (NTUs)	11.00	5.85	1.62 <20% BL	
		Dissolved O2 (mg/L)	10.31	12.10	10.99	
		Total Suspended Solids (mg/L)	8.0	ND	ND	
Reach 96 Dry Canyon/PD 1591	9/17/2013	TIME	1143	1152	1201	**During Work**
		SAMPLE NO.	PD1591-1	PD1591-2	PD1591-3	Arrived on site about 1130; 2nd day of field operations; upstream turbidity reading of 4.74 NTU is below the baseline level of 6.09; internal turbidity reading of 5.82 NTU is within the acceptable 20% limit of the baseline level of 5.39 (+20% = 6.47); downstream turbidity reading of 2.40 NTU is over 20% above the baseline reading of 1.38 (+20% = 1.66); notified and discussed results and possible solutions with Crew Leader Phil Horst of FMD Hansen Yard.
		TEMP (°C)	24.12	22.30	22.42	
		pH	8.42	7.64	7.77	
		Turbidity (NTUs)	4.74	5.82	2.40	
		Dissolved O2 (mg/L)	21.34	13.87	15.05	
		Total Suspended Solids (mg/L)	8.0	ND	ND	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 96 Dry Canyon/PD 1591	9/18/2013	TIME	1145	1158	1211	**During Work**
		SAMPLE NO.	PD1591-1	PD1591-2	PD1591-3	Arrived on site about 1140; 3rd day of field operations; upstream turbidity reading of 5.56 NTU is below the baseline level of 6.09; internal turbidity reading of 13.6 NTU is over 20% above the baseline level of 5.39 (+20% = 6.47) and downstream turbidity reading of 1.57 NTU is within the acceptable 20% limit of the baseline reading of 1.38 (+20% = 1.66); crew working upstream of internal sampling point removing reeds from the creek resulting in the higher turbidity reading; notified and discussed results with Crew Leader Phil Horst of FMD Hansen Yard.
		TEMP (°C)	24.10	22.28	22.28	
		pH	8.27	7.66	7.80	
		Turbidity (NTUs)	5.56	13.60	1.57 <20% BL	
		Dissolved O2 (mg/L)	15.91	15.45	15.69	
		Total Suspended Solids (mg/L)	23.0	10.0	ND	
Reach 96 Dry Canyon/PD 1591	9/19/2013	TIME	1158	1210	1223	**During Work**
		SAMPLE NO.	PD1591-1	PD1591-2	PD1591-3	Arrived on site about 1150; 4th and final day of field operations; upstream turbidity reading of 7.02 NTU is within the acceptable 20% limit of the baseline level of 6.09 (+20% = 7.31); internal turbidity reading of 9.10 NTU remains over 20% above the baseline level of 5.39 (+20% = 6.47); crew working on banks only, so sustained increase at internal sampling point may be from increased upstream turbidity; downstream turbidity reading of 3.63 NTU is over 20% above the baseline reading of 1.38 (+20% = 1.66) but noted ducks present upstream which may explain the increase in turbidity; notified and discussed results with Crew Leader Phil Horst of FMD Hansen Yard.
		TEMP (°C)	25.08	22.77	22.69	
		pH	8.24	7.61	7.78	
		Turbidity (NTUs)	7.02	9.10	3.63	
		Dissolved O2 (mg/L)	11.25	7.22	8.73	
		Total Suspended Solids (mg/L)	6.0	5.0	ND	
Reach 96 Dry Canyon/PD 1591	9/23/2013	TIME	1217	1237	1251	**Post Work**
		SAMPLE NO.	PD1591-1	PD1591-2	PD1591-3	Arrived on site about 1210 to perform post-work monitoring and sampling; BMP removed; additional flow of soapy water (source unknown) into Dry Canyon from lateral line above upstream sampling point; upstream and internal turbidity readings of 11.4 NTU and 8.59 NTU are both over 20% above the respective baseline levels of 6.09 (+20% = 7.31) and 5.39 (+20% = 6.47); downstream turbidity reading of 1.49 NTU is within the acceptable 20% limit of the baseline reading of 1.38 (+20% = 1.66).
		TEMP (°C)	25.32	22.38	22.30	
		pH	8.05	7.63	7.82	
		Turbidity (NTUs)	11.40	8.59	1.49 <20% BL	
		Dissolved O2 (mg/L)	19.46	4.89	6.50	
		Total Suspended Solids (mg/L)	18.0	6.0	ND	
Reach 38 Lindero Canyon MCO	9/26/2013	TIME	1217	1228	1245	**Baseline/Pre-Work**
		SAMPLE NO.	LCYN-1	LCYN-2	LCYN-3	Arrived on site about 1200 to perform pre-work baseline water monitoring and sampling at upstream, internal, and downstream points. From a water quality standpoint, project is "good to go" for start on Wednesday, 10/02.
		TEMP (°C)	21.17	20.41	19.54	
		pH	9.03	9.26	8.58	
		Turbidity (NTUs)	3.18	2.49	1.54	
		Dissolved O2 (mg/L)	17.90	17.00	12.94	
		Total Suspended Solids (mg/L)	ND	12.0	10.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 38 Lindero Canyon MCO	10/2/2013	TIME	1153	1200	1212	**During Work**
		SAMPLE NO.	LCYN-1	LCYN-2	LCYN-3	Arrived on site about 1145; first day of field operations; upstream and internal turbidity readings of 22.3 NTU and 12.1 NTU are over 20% above the respective baseline levels of 3.18 (+20% = 3.82) and 2.49 (+20% = 2.99) due to much plant debris and sediment in water from upstream sources; crew working on bank, not in channel; downstream turbidity of 1.32 NTU below baseline level of 1.54; BMP (straw waddle) installed immediately upstream of downstream sampling point; notified and discussed results with FMD Crew Leader Phil Horst.
		TEMP (°C)	20.94	20.97	21.02	
		pH	8.64	8.93	10.18	
		Turbidity (NTUs)	22.30	12.10	1.32 < BL	
		Dissolved O2 (mg/L)	18.61	10.00	19.04	
		Total Suspended Solids (mg/L)	56.0	44.0	ND	
Reach 38 Lindero Canyon MCO	10/3/2013	TIME	1322	1330	1337	**During Work**
		SAMPLE NO.	LCYN-1	LCYN-2	LCYN-3	Arrived on site about 1315; second day of field operations; upstream, internal, and downstream turbidity readings of 11.3 NTU, 22.8 NTU, and 11.9 NTU are all over 20% above the respective baseline levels of 3.18 (+20% = 3.82), 2.49 (+20% = 2.99), and 1.54 (+20% = 1.84); crew working from the bank with rakes to remove vegetaion from the channel resulting in elevated turbidity readings; notifed and discussed results with Harry from FMD Hansen Yard; suggested placement of an additional BMP at the downstream sampling point to lower turbidity at this location.
		TEMP (°C)	21.67	21.36	20.51	
		pH	8.66	8.70	9.89	
		Turbidity (NTUs)	11.30	22.80	11.90	
		Dissolved O2 (mg/L)	16.54	18.04	18.11	
		Total Suspended Solids (mg/L)	28.0	41.0	ND	
Reach 38 Lindero Canyon MCO	10/4/2013	TIME	1230	1236	1243	**During Work**
		SAMPLE NO.	LCYN-1	LCYN-2	LCYN-3	Arrived on site about 1220; third day of field operations; all turbidity levels down from previous days readings but, upstream, internal, and downstream turbidity readings of 4.39 NTU, 4.36 NTU, and 8.33 NTU are all over 20% above the respective baseline levels of 3.18 (+20% = 3.82), 2.49 (+20% = 2.99), and 1.54 (+20% = 1.84); crew working from the bank with rakes to remove vegetation from the channel resulting in elevated turbidity readings; enhanced flow from removal of vegetation has caused water to flow over and around the BMPs; discussed the installation of an additional BMP to correct this situation; notifed and discussed results with Crew Leader Phil Horst.
		TEMP (°C)	21.47	21.35	20.73	
		pH	10.01	9.85	9.35	
		Turbidity (NTUs)	4.39	4.36	8.33	
		Dissolved O2 (mg/L)	19.79	17.39	15.98	
		Total Suspended Solids (mg/L)	8.0	ND	6.0	
Reach 38 Lindero Canyon MCO	10/7/2013	TIME	946	953	1001	**During Work**
		SAMPLE NO.	LCYN-1	LCYN-2	LCYN-3	Arrived on site about 0940; fourth and final day of field operations; upstream turbidity of 15.5 NTU is over 20% above the baseline level of 3.18 (+20% = 3.82) due to much floating and suspended debris in water from upstream sources; internal turbidity of 2.14 NTU is below the baseline level of 2.49, and the downstream turbidity of 2.06 NTU is just slightly over 20% above the baseline level of 1.54 (+20% = 1.84); decreased flow from upstream; notifed and discussed results with Crew Leader Phil Horst.
		TEMP (°C)	17.79	17.41	17.06	
		pH	8.93	8.22	8.36	
		Turbidity (NTUs)	15.50	2.14	2.06	
		Dissolved O2 (mg/L)	20.93	16.78	19.51	
		Total Suspended Solids (mg/L)	86.0	ND	ND	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 38 Lindero Canyon MCO	10/11/2013	TIME	837	844	850	**Post Work**
		SAMPLE NO.	LCYN-1	LCYN-2	LCYN-3	Arrived on site about 0830 to perform post-work water quality monitoring and sampling; BMP removed from channel; upstream, internal, and downstream turbidity readings of 4.42 NTU, 3.77 NTU, and 3.49 NTU are all slightly over 20% above the respetive baseline levels of 3.18 (+20% = 3.82), 2.49 (+20% = 2.99), and 1.54 (+20% = 1.84).
		TEMP (°C)	14.80	14.84	14.78	
		pH	8.92	9.48	8.64	
		Turbidity (NTUs)	4.42	3.77	3.49	
		Dissolved O2 (mg/L)	24.21	21.35	19.98	
		Total Suspended Solids (mg/L)	5.0	ND	ND	
Reach 12 Haines Canyon Channel Outlet	9/25/2013	TIME	1508	1452	1437	**Baseline/Pre-Work**
		SAMPLE NO.	HCYN-1	HCYN-2	HCYN-3	Arrived on site about 1330 and met with Al from FMD Pickens Yard about 1345 to evaluate conditions; performed pre-work baseline monitoring and sampling at newly established upstream, internal, and downstream sampling points; from a water quality standpoint, project is "good to go" for proposed start on Wednesday, 10/02.
		TEMP (°C)	29.76	28.17	26.14	
		pH	9.44	8.98	8.41	
		Turbidity (NTUs)	2.19	2.02	2.11	
		Dissolved O2 (mg/L)	16.38	15.89	18.15	
		Total Suspended Solids (mg/L)	6.0	ND	ND	
Reach 12 Haines Canyon Channel Outlet	10/2/2013	TIME	1423	1409	1400	**During Work**
		SAMPLE NO.	HCYN-1	HCYN-2	HCYN-3	Arrived on site about 1350; 1st day of field operations; upstream turbidity reading of 1.65 NTU is below the baseline level of 2.19 and the internal turbidity reading of 2.40 NTU is within the acceptable 20% limit of the baseline level of 2.02 (+20% = 2.42); downstream turbidity reading of 12.5 NTU is over 20% above the baseline level of 2.11 (+20% = 2.53); notified and discussed results/possible solutions with Crew Leader Al of FMD Pickens Yard; will install BMP (sand bags) upstream of the downstream sampling point to lower downstream turbidity.
		TEMP (°C)	29.35	26.94	24.79	
		pH	9.65	8.93	7.57	
		Turbidity (NTUs)	1.65	2.40	12.50	
		Dissolved O2 (mg/L)	15.98	15.30	13.80	
		Total Suspended Solids (mg/L)	ND	ND	20.0	
Reach 12 Haines Canyon Channel Outlet	10/3/2013	TIME	1435	1443	1503	**During Work**
		SAMPLE NO.	HCYN-1	HCYN-2	HCYN-3	Arrived on site about 1425; 2nd day of field operations; upstream turbidity reading of 2.35 NTU is within the acceptable 20% limit of the baseline level of 2.19 (+20% = 2.63); internal turbidity reading of 2.64 NTU is slightly over 20% above the baseline level of 2.02 (+20% = 2.42); downstream turbidity reading of 11.4 NTU is slightly lower than the previous days reading of 12.5 but, still over 20% above the baseline level of 2.11 (+20% = 2.53); BMP (sand bags) installed immediately upstream of the downstream sampling point; additional sandbags were not on site to reinforce the BMP; notified and discussed results/possible solutions with Crew Leader Al of FMD Pickens Yard; crew not working on Friday, 10/04 but, will re-evaluate the site on Monday after 3 days off.
		TEMP (°C)	27.56	26.22	25.16	
		pH	8.11	9.53	7.85	
		Turbidity (NTUs)	2.35	2.64	11.40	
		Dissolved O2 (mg/L)	15.85	16.33	16.14	
		Total Suspended Solids (mg/L)	11.0	ND	23.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 12 Haines Canyon Channel Outlet	10/7/2013	TIME	832	824	810	**During Work**
		SAMPLE NO.	HCYN-1	HCYN-2	HCYN-3	Arrived on site about 0800; 3rd day of field operations; upstream turbidity reading of 2.36 NTU is within the acceptable 20% limit of the baseline level of 2.19 (+20% = 2.63); internal turbidity reading of 6.61 NTU is over 20% above the baseline level of 2.02 (+20% = 2.42) due to a large amount of floating debris in the water from the weekends "Santa Ana" winds; downstream turbidity reading of 2.48 NTU is down significantly from previous reading of 11.4 and, is within the acceptable 20% limit of the baseline level of 2.11 (+20% = 2.53); notified and discussed results with crew from FMD Pickens Yard.
		TEMP (°C)	17.54	17.50	17.64	
		pH	8.17	7.91	5.63	
		Turbidity (NTUs)	2.36	6.61	2.48 <20% BL	
		Dissolved O2 (mg/L)	20.03	18.01	23.26	
		Total Suspended Solids (mg/L)	ND	35.0	ND	
Reach 12 Haines Canyon Channel Outlet	10/8/2013	TIME	943	936	927	**During Work**
		SAMPLE NO.	HCYN-1	HCYN-2	HCYN-3	Arrived on site about 0920; 4th day of field operations; upstream turbidity reading of 5.83 NTU is over 20% above the baseline level of 2.19 (+20% = 2.63) due to upstream sources; internal and downstream turbidity readings of 6.25 NTU and 3.56 NTU are both over 20% above the respective baseline levels of 2.02 (+20% = 2.42) and 2.11 (+20% = 2.53); crew working in channel with hand tools to remove reeds; notified and discussed results/possible solutions with crew from FMD Pickens Yard; suggested additional sandbags to reinforce te BMP and attempt to lower downstream turbidity.
		TEMP (°C)	19.44	16.89	17.19	
		pH	7.97	7.66	7.41	
		Turbidity (NTUs)	5.83	6.25	3.56	
		Dissolved O2 (mg/L)	13.36	15.88	20.70	
		Total Suspended Solids (mg/L)	6.0	10.0	ND	
Reach 12 Haines Canyon Channel Outlet	10/9/2013	TIME	952	941	925	**During Work**
		SAMPLE NO.	HCYN-1	HCYN-2	HCYN-3	Arrived on site about 0915; 5th and final day of field operations; upstream, internal, and downstream turbidity readings of 65.3 NTU, 44.9 NTU, and 44.2 NTU are all well over 20% above the respective baseline levels of 2.19, 2.02, and 2.11; this is primarily due to reported rain throughout the area on Tuesday night, 10/08; crew finishing up work in channel with hand tools to remove reeds; notified and discussed results with crew from FMD Pickens Yard.
		TEMP (°C)	17.15	16.82	16.97	
		pH	7.06	4.78	6.38	
		Turbidity (NTUs)	65.30	44.90	44.20	
		Dissolved O2 (mg/L)	14.64	19.70	21.48	
		Total Suspended Solids (mg/L)	78.0	73.0	49.0	
Reach 12 Haines Canyon Channel Outlet	10/16/2013	TIME	933	927	916	**Post Work**
		SAMPLE NO.	HCYN-1	HCYN-2	HCYN-3	Arrived on site about 0910 to perform post-work baseline monitoring and sampling at upstream, internal, and downstream sampling points; upstream, internal, and downstream turbidity readings of 3.01 NTU, 10.94 NTU, and 13.8 NTU are all over 20% above the respective baseline levels of 2.19, 2.02, and 2.11; very low water levels at internal and downstream sampling points resulted in turbid samples.
		TEMP (°C)	18.47	17.29	16.51	
		pH	10.08	7.19	6.38	
		Turbidity (NTUs)	3.01	10.94	13.80	
		Dissolved O2 (mg/L)	18.39	18.88	24.93	
		Total Suspended Solids (mg/L)	6.0	87.0	29.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 14 May Canyon Channel	9/11/2013	TIME	See Comments			**Baseline/Pre-Work**
		SAMPLE NO.				Arrived on site about 1330 to perform pre-work baseline monitoring and sampling at upstream, internal, and downstream sampling points; access to sampling points at driveway/access road to Sylmar Independent Baseball League (SIBL) baseball fields; driveway is located about 100' west of Harding St. bridge over Pacoima Wash with access to points 1 and 2 located at non-descript dirt road located about 675' north of Harding St. off west side of SIBL access road; water present at upstream and internal sampling points but not at downstream sampling point; water quality monitoring and sampling not performed because site did not meet RWQCB parameters.
		TEMP (°C)				
		pH				
		Turbidity (NTUs)				
		Dissolved O2 (mg/L)				
		Total Suspended Solids (mg/L)				
Reach 14 May Canyon Channel	9/12/2013	TIME	1452	1445	1435	**Baseline/Pre-Work**
		SAMPLE NO.	MCYN-1	MCYN-2	MCYN-3	Arrived on site about 1430 to perform pre-work baseline monitoring and sampling at upstream, internal, and downstream sampling points; increase in flow resulted in sufficient water present at all three sampling points; estimated that flow of surface water through the project will flucuate up and down from day to day which will result in sporadic water quality monitoring and sampling dictated by the amount of water at the downstream sampling point; from a water quality standpoint, project is "good to go" for start on Monday, 09/16.
		TEMP (°C)	28.35	29.85	30.95	
		pH	9.20	9.25	9.45	
		Turbidity (NTUs)	2.46	1.54	1.02	
		Dissolved O2 (mg/L)	12.51	11.82	14.28	
		Total Suspended Solids (mg/L)	ND	5.0	ND	
Reach 14 May Canyon Channel	9/16/2013	TIME	1549	15.4	1528	**During Work**
		SAMPLE NO.	MCYN-1	MCYN-2	MCYN-3	Arrived on site about 1515; 1st day of field operations; BMP (straw waddle) placed in channel; relocated downstream sampling point to below the BMP; upstream turbidity reading of 2.23 NTU is below the baseline level of 2.46; internal and downstream turbidity readings of 2.11 NTU and 5.38 NTU are both over 20 % above the respective baseline levels of 1.54 (+20% = 1.84) and 1.02 (+20% = 1.22); notified and discussed results with Foreman Octaviano Fernandez of FMD Hansen Yard.
		TEMP (°C)	28.25	29.80	32.65	
		pH	9.28	9.11	9.02	
		Turbidity (NTUs)	2.23	2.11	5.38	
		Dissolved O2 (mg/L)	15.17	14.32	14.82	
		Total Suspended Solids (mg/L)	ND	ND	ND	
Reach 14 May Canyon Channel	9/17/2013	TIME	1412	1405	1356	**During Work**
		SAMPLE NO.	MCYN-1	MCYN-2	MCYN-3	Arrived on site about 1350; 2nd and last day of field operations; no crew on site; increased flow from upstream; upstream, internal, and downstream turbidity readings of 4.35 NTU, 2.41 NTU, and 2.27 NTU are all over 20 % above the respective baseline levels of 2.46 (+20 % = 2.96), 1.54 (+20% = 1.84), and 1.02 (+20% = 1.22); increased turbidity may be due to increased flow from upstream; notified Foreman Octaviano Fernandez of FMD Hansen Yard via e-mail of results.
		TEMP (°C)	26.61	28.16	29.95	
		pH	9.13	9.24	9.37	
		Turbidity (NTUs)	4.35	2.41	2.27	
		Dissolved O2 (mg/L)	14.64	12.69	13.92	
		Total Suspended Solids (mg/L)	13.0	ND	ND	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 14 May Canyon Channel	9/19, 20, 21, & 9/23/2013	TIME	See Comments			**Post Work**
		SAMPLE NO.				For Thursday, 09/19; Friday, 09/20; Saturday, 09/21; and Monday, 09/23: Arrived on site at various times to complete post-work monitoring and sampling; in each case, insufficient water at downstream sampling point; will continue to evaluate the project until Monday, 09/23; water quality monitoring and sampling not performed because the site did not meet RWQCB parameters.
		TEMP (°C)				
		pH				
		Turbidity (NTUs)				
		Dissolved O2 (mg/L)				
		Total Suspended Solids (mg/L)				
Reach 24 Compton Creek	9/12/2013	TIME	842	942	959	**Baseline/Pre-Work**
		SAMPLE NO.	CCRK-1	CCRK-2	CCRK-3	Arrived on site about 0830 and met with Crew Leader David Banuelos and crew from FMD Imperial Yard; performed pre-work baseline monitoring and sampling at upstream, internal, and downstream sampling points; sampling points in same locations as previous years; from a water quality standpoint, project is "good to go" for start on Monday, 09-16.
		TEMP (°C)	21.39	22.46	24.17	
		pH	8.69	7.49	8.05	
		Turbidity (NTUs)	4.19	4.34	5.26	
		Dissolved O2 (mg/L)	17.28	10.12	14.26	
		Total Suspended Solids (mg/L)	9.0	4.0	5.0	
Reach 24 Compton Creek	9/16/2013	TIME	950	1018	1034	**During Work**
		SAMPLE NO.	CCRK-1	CCRK-2	CCRK-3	Arrived on site about 0945; 1st day of field operations; upstream and internal turbidity readings of 2.47 NTU and 1.69 NTU are both below the respective baseline levels of 4.19 and 4.34; downstream turbidity reading of 9.50 NTU is over 20% above the baseline level of 5.26 (+20% = 6.32); BMPs (2 straw waddles) placed less than 1 hour before downstream monitoring as possible cause for increased turbidity; notified and discussed results with Crew Leader David Banuelos of FMD Imperial Yard; will reevaluate during monitoring on Tuesday, 09/17.
		TEMP (°C)	25.59	24.16	25.56	
		pH	9.16	7.72	7.82	
		Turbidity (NTUs)	2.47	1.69	9.50	
		Dissolved O2 (mg/L)	19.34	9.72	15.23	
		Total Suspended Solids (mg/L)	2.0	4.0	19.0	
Reach 24 Compton Creek	9/17/2013	TIME	1627	1644	1659	**During Work**
		SAMPLE NO.	CCRK-1	CCRK-2	CCRK-3	Arrived on site about 1620; 2nd day of field operations; crew already gone for the day; upstream turbidity reading of 4.75 NTU is within the acceptable 20% limit of the baseline level of 4.19 (+20% = 5.03); internal and downstream turbidity readings of 1.65 NTU and 2.24 NTU are both well below the respective baseline levels of 4.34 and 5.26; notified Crew Leader David Banuelos of FMD Imperial Yard of results via e-mail.
		TEMP (°C)	28.56	29.49	25.17	
		pH	10.29	7.80	7.98	
		Turbidity (NTUs)	4.75	1.65	2.24 <BL	
		Dissolved O2 (mg/L)	10.45	14.29	13.93	
		Total Suspended Solids (mg/L)	5.0	3.0	3.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 24 Compton Creek	9/18/2013	TIME	845	900	915	**During Work**
		SAMPLE NO.	CCRK-1	CCRK-2	CCRK-3	Arrived on site about 0840; 3rd day of field operations; upstream and internal turbidity readings of 2.75 NTU and 2.27 NTU are both below the respective baseline levels of 4.19 and 4.34; downstream turbidity reading of 11.5 NTU is over 20% above the baseline level of 5.26 (+20% = 6.32); BMP damaged by truck accessing lower reaches of Compton Creek; damage resulted in an altered sampling point and increase in turbidity; notified and discussed results and possible solutions with Crew Leader David Banuelos of FMD Imperial Yard; BMP will be adjusted and/or replaced at the end of the day; will reevaluate during monitoring on Thursday, 09/19.
		TEMP (°C)	21.45	21.86	23.21	
		pH	8.75	7.63	7.82	
		Turbidity (NTUs)	2.75	2.27	11.50	
		Dissolved O2 (mg/L)	14.04	15.46	15.39	
		Total Suspended Solids (mg/L)	5.0	4.0	17.0	
Reach 24 Compton Creek	9/19/2013	TIME	734	755	822	**During Work**
		SAMPLE NO.	CCRK-1	CCRK-2	CCRK-3	Arrived on site about 0730; 4th day of field operations; decreased flow at upstream and downstream sampling points; BMP reset in original location at intersection of Compton Creek and the L.A. River with additional BMPs (straw waddles anchored with sand bags) installed at the end of the SBC/start of the concrete channel; upstream, internal, and downstream turbidity readings of 2.94 NTU, 4.18 NTU, and 2.37 NTU are all below the respective baseline levels of 4.19, 4.34, and 5.26; notified and discussed results with Crew Leader David Banuelos of FMD Imperial Yard.
		TEMP (°C)	20.44	21.60	21.16	
		pH	8.45	7.54	8.25	
		Turbidity (NTUs)	2.94	4.18	2.37 <BL	
		Dissolved O2 (mg/L)	19.17	12.32	18.24	
		Total Suspended Solids (mg/L)	4.0	5.0	3.0	
Reach 24 Compton Creek	10/2/2013	TIME	717	735	753	**During Work**
		SAMPLE NO.	CCRK-1	CCRK-2	CCRK-3	Arrived on site about 0710; 1st day of re-started field operations after shutdown on Friday, 09/20 due to permit issues; additional BMPs (sand bag berms) placed across the channel, in succession, immediately upstream of the downstream sampling point to reduce flow and allow suspended particles to settle; upstream, internal, and downstream turbidity readings of 3.71 NTU, 3.62 NTU, and 1.91 NTU are all below the respective baseline levels of 4.19, 4.34, and 5.26; notified and discussed results with Crew Leader David Banuelos of FMD Imperial Yard.
		TEMP (°C)	19.93	19.91	19.64	
		pH	7.07	6.29	5.76	
		Turbidity (NTUs)	3.71	3.62	1.91 <BL	
		Dissolved O2 (mg/L)	44.39	15.42	18.74	
		Total Suspended Solids (mg/L)	6.0	5.0	3.0	
Reach 24 Compton Creek	10/3/2013	TIME	921	934	958	**During Work**
		SAMPLE NO.	CCRK-1	CCRK-2	CCRK-3	Arrived on site about 0915; 2nd day of re-started field operations; upstream and downstream turbidity readings of 3.96 NTU and 2.49 NTU are both below the respective baseline levels of 4.19 and 5.26; internal turbidty reading of 6.84 NTU is over 20% above the baseline level of 4.34 (+20% = 5.20) due to people catching crawdads in immediate area of sampling point; notified and discussed results with Crew Leader David Banuelos of FMD Imperial Yard.
		TEMP (°C)	22.44	21.16	23.44	
		pH	8.72	9.56	8.17	
		Turbidity (NTUs)	3.96	6.84	2.49 <BL	
		Dissolved O2 (mg/L)	19.55	17.64	16.11	
		Total Suspended Solids (mg/L)	7.0	8.0	2.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 24 Compton Creek	10/4/2013	TIME	834	852	911	**During Work**
		SAMPLE NO.	CCRK-1	CCRK-2	CCRK-3	Arrived on site about 0830; 3rd day of re-started field operations; crew working by hand removing vegetation from the rock levee; upstream turbidity reading of 4.59 NTU is within the acceptable 20% limit of the baseline level of 4.19 (+20% = 5.03); internal turbidity reading of 6.42 NTU is over 20% above the baseline level of of 4.34 (+20% = 5.20) and the downstream turbidity reading of 3.39 NTU is below the baseline level of 5.26; notified and discussed results with Crew Leader David Banuelos of FMD Imperial Yard.
		TEMP (°C)	19.26	20.15	21.56	
		pH	8.17	7.04	6.36	
		Turbidity (NTUs)	4.59	6.42	3.39 <BL	
		Dissolved O2 (mg/L)	22.41	14.72	13.78	
		Total Suspended Solids (mg/L)	6.0	4.0	1.0	
Reach 24 Compton Creek	10/7/2013	TIME	1237	1251	1305	**During Work**
		SAMPLE NO.	CCRK-1	CCRK-2	CCRK-3	Arrived on site about 1230; 4th day of re-started field operations; equipment working on banks of channel and crew working to remove some of the BMPs due to rain forecast for Wednesday, 10/09; upstream, internal, and downstream turbidity readings of 3.04 NTU, 2.69 NTU, and 2.68 NTU are all well below the respective baseline levels of 4.19, 4.34, and 5.26; notified and discussed results with Crew Leader David Banuelos of FMD Imperial Yard.
		TEMP (°C)	29.71	22.86	27.87	
		pH	10.32	8.98	8.77	
		Turbidity (NTUs)	3.04	2.69	2.68 <BL	
		Dissolved O2 (mg/L)	17.35	14.44	12.01	
		Total Suspended Solids (mg/L)	5.0	4.0	7.0	
Reach 24 Compton Creek	10/8/2013	TIME	1421	1436	1403	**During Work**
		SAMPLE NO.	CCRK-1	CCRK-2	CCRK-3	Arrived on site about 1355; 5th day of re-started field operations; crew working to remove some of the BMPs due to rain forecast for Wednesday, 10/09; upstream, internal, and downstream turbidity readings of 3.74 NTU, 2.35 NTU, and 2.27 NTU are all well below the respective baseline levels of 4.19, 4.34, and 5.26; notified and discussed results with Crew Leader David Banuelos of FMD Imperial Yard.
		TEMP (°C)	28.39	21.80	27.22	
		pH	10.04	9.81	8.90	
		Turbidity (NTUs)	3.74	2.35	2.27 <BL	
		Dissolved O2 (mg/L)	9.25	14.74	13.53	
		Total Suspended Solids (mg/L)	4.0	4.0	2.0	
Reach 24 Compton Creek	10/17/2013	TIME	1418	1430	1444	**Post Work**
		SAMPLE NO.	CCRK-1	CCRK-2	CCRK-3	Arrived on site about 1410 to perform post-work monitoring and sampling at upstream, internal, and downstream sampling points; project completed on Wednesday, 10/09; upstream turbidity reading of 5.57 NTU is slightly over 20% above the baseline level of 4.19 (+20% = 5.03) due to upstream sources; internal turbidity reading of 6.12 NTU is over 20% above the baseline level of 4.34 (+20% = 5.20) and the downstream turbidity reading of 4.06 NTU is below the baseline level of 5.26.
		TEMP (°C)	28.52	22.52	24.86	
		pH	9.44	8.52	9.33	
		Turbidity (NTUs)	5.57	6.12	4.06 <BL	
		Dissolved O2 (mg/L)	16.80	13.87	15.62	
		Total Suspended Solids (mg/L)	2.0	3.0	5.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 8 Hayvenhurst Drain Project 470	10/11/2013	TIME	1054	1102	1108	**Baseline/Pre-Work**
		SAMPLE NO.	HDRAIN-1	HDRAIN-2	HDRAIN-3	Arrived on site about 1040 to perform pre-work baseline monitoring and sampling at upstream, internal, and downstream sampling points; all sampling points in same locations as previous cleanout in 2011; upstream and internal sampling points marked with wooden stakes; at downstream sampling point, a BMP (straw waddle anchored with sand bags) is in place (installed by others?) at the boundary between the concrete open channel and the concrete double-box channel under the 101 freeway; from a water quality standpoint, project is "good to go" for start on Tuesday, 10/15.
		TEMP (°C)	19.29	19.27	19.94	
		pH	8.48	10.54	10.30	
		Turbidity (NTUs)	9.50	8.39	13.70	
		Dissolved O2 (mg/L)	15.30	17.87	16.21	
		Total Suspended Solids (mg/L)	ND	ND	6.0	
Reach 8 Hayvenhurst Drain Project 470	10/16/2013	TIME	1216	1225	1232	**During Work**
		SAMPLE NO.	HDRAIN-1	HDRAIN-2	HDRAIN-3	Arrived on site about 1210; 1st day of field operations; upstream turbidity reading of 12.0 NTU is slightly over 20% above the baseline level of 9.50 (+20% = 11.4) due to upstream sources; internal turbidity reading of 9.55 NTU is within the acceptable 20% limit of the baseline level of 8.39 (+20% = 10.07) and the downstream turbidity reading of 7.15 NTU is below the baseline level of 13.7; notified and discussed results with Robert Briones of FMD Hansen Yard.
		TEMP (°C)	22.21	21.68	22.29	
		pH	8.99	9.43	9.98	
		Turbidity (NTUs)	12.00	9.55	7.15 <BL	
		Dissolved O2 (mg/L)	16.86	13.53	15.55	
		Total Suspended Solids (mg/L)	11.0	14.0	33.0	
Reach 8 Hayvenhurst Drain Project 470	10/17/2013	TIME	1132	1140	1206	**During Work**
		SAMPLE NO.	HDRAIN-1	HDRAIN-2	HDRAIN-3	Arrived on site about 1125; 2nd day of field operations; BMP (straw waddle anchored with sand bags) reset at boundary between the SBC and start of the concrete box channel; upstream turbidity reading of 8.72 NTU is below the baseline level of 9.50; internal and downstream turbidity readings of 8.54 NTU and 14.9 NTU are both within the acceptable 20% limit of the respective baseline levels of 8.39 (+20% = 10.07) and 13.7 (+20% = 16.5); notified and discussed results with Harry of FMD Hansen Yard.
		TEMP (°C)	19.39	20.08	21.94	
		pH	9.38	10.64	8.99	
		Turbidity (NTUs)	8.72	8.54	14.9 <20% BL	
		Dissolved O2 (mg/L)	21.18	17.75	17.04	
		Total Suspended Solids (mg/L)	ND	ND	12.0	
Reach 8 Hayvenhurst Drain Project 470	10/18/2013	TIME	1002	1013	1022	**During Work**
		SAMPLE NO.	HDRAIN-1	HDRAIN-2	HDRAIN-3	Arrived on site about 0950; 3rd and last day of field operations; upstream turbidity reading of 10.58 NTU is within the acceptable 20% limit of the baseline level of 9.50 (+20% = 11.4); internal and downstream turbidity readings of 62.0 NTU and 30.8 NTU are both over 20% above the respective baseline levels of 8.39 (+20% = 10.07) and 13.7 (+20% = 16.5) because the crew is working in the channel removing vegetation; notified and discussed results with Crew Leader Phil Horst of FMD Hansen Yard.
		TEMP (°C)	17.78	18.64	19.47	
		pH	7.95	9.02	9.23	
		Turbidity (NTUs)	10.58	62.00	30.80	
		Dissolved O2 (mg/L)	22.55	14.48	16.91	
		Total Suspended Solids (mg/L)	24.0	74.0	33.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 8 Hayvenhurst Drain Project 470	10/25/2013	TIME	900	917	926	**Post Work**
		SAMPLE NO.	HDRAIN-1	HDRAIN-2	HDRAIN-3	Arrived on site about 0855 to perform post-work monitoring and sampling; upstream turbidity reading of 9.41 NTU is below the baseline level of 9.50; internal and downstream turbidity readings of 20.5 NTU and 20.4 NTU are both over 20% above the respective baseline levels of 8.39 (+20% = 10.07) and 13.7 (+20% = 16.5) possibly due to the presence of ducks feeding in the water.
		TEMP (°C)	20.17	19.62	19.09	
		pH	8.41	9.23	8.94	
		Turbidity (NTUs)	9.41	20.50	20.40	
		Dissolved O2 (mg/L)	15.57	13.76	11.23	
		Total Suspended Solids (mg/L)	ND	24.0	20.0	
Reach 1 Bell Creek/Mtd 963 MCI	10/11/2013	TIME	945	951	958	**Baseline/Pre-Work**
		SAMPLE NO.	BLCRK-1	BLCRK-2	BLCRK-3	Arrived on site about 0920 to perform pre-work baseline monitoring and sampling of upstream, internal, and downstream sampling points; upstream and internal sampling points are located west of the SBC/concrete trapezoidal channel boundary; both sampling points are on the south side of the creek and marked with wooden stakes; downstream sampling point is downstream of the SBC/concrete trapezoidal channel boundary in center of the channel; may be relocated once the BMP is set; from a water quality standpoint, project is "good to go" for proposed start on Tuesday, 10/17.
		TEMP (°C)	17.13	17.48	17.70	
		pH	8.24	8.22	9.33	
		Turbidity (NTUs)	4.30	3.52	3.10	
		Dissolved O2 (mg/L)	9.64	15.82	17.29	
		Total Suspended Solids (mg/L)	ND	ND	ND	
Reach 1 Bell Creek/Mtd 963 MCI	10/21/2013	TIME	1217	1227	1233	**During Work**
		SAMPLE NO.	BLCRK-1	BLCRK-2	BLCRK-3	Arrived on site about 1210; 1st and last day of field operations; BMP (straw waddle) placed across channel; upstream and downstream turbidity readings of 2.96 NTU and 2.01NTU are both below the respective baseline levels of 4.30 and 3.10; internal turbidity reading of 4.32 NTU is just slightly over 20% above the baseline level of 3.52 (+20% = 4.22); relocated downstream sampling point to about 10' east of the SBC/concrete trapezoidal channel boundary to accommodate the BMP; pre-work baseline monitoring more than 7 days ahead of orignial proposed start date of Thursday, 10/17; notified and discussed results with Crew Leader Phil Horst of FMD Hansen Yard.
		TEMP (°C)	19.85	20.01	20.41	
		pH	7.28	9.62	9.59	
		Turbidity (NTUs)	2.95	4.32	2.01 <BL	
		Dissolved O2 (mg/L)	22.16	17.48	17.46	
		Total Suspended Solids (mg/L)	ND	ND	ND	
Reach 1 Bell Creek/Mtd 963 MCI	10/24/2013	TIME	1348	1356	1406	**Post Work**
		SAMPLE NO.	BLCRK-1	BLCRK-2	BLCRK-3	Arrived on site about 1345 to perform post-work monitoring and sampling; BMP removed; upstream and downstream turbidity readings of 3.74 NTU and 2.53NTU are both below the respective baseline levels of 4.30 and 3.10; internal turbidity reading of 3.85 NTU is within the acceptable 20% limit of the baseline level of 3.52 (+20% = 4.22).
		TEMP (°C)	20.80	20.91	21.07	
		pH	8.22	8.40	8.23	
		Turbidity (NTUs)	3.74	3.85	2.53 <BL	
		Dissolved O2 (mg/L)	5.33	11.33	10.59	
		Total Suspended Solids (mg/L)	11.0	109.0	38.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 34 Medea Creek MCO/PD 1005	10/18/2013	TIME	1121	1134	1142	**Baseline/Pre-Work**
		SAMPLE NO.	MCRK/R34-1	MCRK/R34-2	MCRK/R34-3	Arrived on site about 1100 to perfrom pre-work baseline monitoring and sampling at upstream, internal, and downstream sampling points; downstream sampling point may be relocated once the BMP is set; access to monitoring/sampling locations at driveway off of Medea Valley Drive through a locked gate at the west end of Chumash Park, then through second locked gate at boundary between the park and levee/access road along the northeast side of Medea Creek; from a water quality standpoint, project is "good to go" for proposed start on Wednesday, 10/23.
		TEMP (°C)	23.75	24.09	24.89	
		pH	8.95	8.27	9.42	
		Turbidity (NTUs)	3.65	8.55	4.37	
		Dissolved O2 (mg/L)	18.14	13.26	16.75	
		Total Suspended Solids (mg/L)	ND	6.0	22.0	
Reach 34 Medea Creek MCO/PD 1005	10/22/2013	TIME	1106	1114	1124	**During Work**
		SAMPLE NO.	MCRK/R34-1	MCRK/R34-2	MCRK/R34-3	Arrived on site about 1100; first and last day of field operations; downstream sampling point relocated about 60' further downstream below the BMP (straw waddle); upstream turbidity reading of 3.81 NTU is within the acceptable 20% limit of the baseline turbidity level of 3.65 (+20% = 4.39); internal and downstream turbidity readings of 74.7 NTU and 79.9 NTU are both well over 20% above the respective baseline levels of 8.55 and 4.37, due to work in the channel; notified and discussed results with Crew Leader Juan Rodarte of FMD Hansen Yard.
		TEMP (°C)	21.99	22.05	23.08	
		pH	9.04	8.28	8.89	
		Turbidity (NTUs)	3.81	74.70	79.90	
		Dissolved O2 (mg/L)	20.24	14.88	13.16	
		Total Suspended Solids (mg/L)	ND	600.0	174.0	
Reach 34 Medea Creek MCO/PD 1005	10/29/2013	TIME	1151	1158	1205	**Post Work**
		SAMPLE NO.	MCRK/R34-1	MCRK/R34-2	MCRK/R34-3	Arrived on site about 1140 to perform post-work monitoring and sampling at upstream, internal, and downstream sampling points; upstream and internal turbidity readings of 3.04 NTU and 7.05 NTU are both below the respective baseline levels of 3.65 and 8.55; downstream turbidity reading of 6.29 NTU is slightly over 20% above the baseline level of 4.37 (+20% = 5.25).
		TEMP (°C)	18.08	19.28	19.68	
		pH	9.30	9.53	9.30	
		Turbidity (NTUs)	3.04	7.05	6.29	
		Dissolved O2 (mg/L)	18.53	16.34	18.23	
		Total Suspended Solids (mg/L)	ND	16.0	16.0	
Reach 35 Medea Creek MCI	10/21/2013	TIME	1415	1421	1428	**Baseline/Pre-Work**
		SAMPLE NO.	MCRK/R35-1	MCRK/R35-2	MCRK/R35-3	Arrived on site about 1400 to perform pre-work baseline monitoring and sampling at upstream, internal, and downstream points; access road to sampling points 1 and 2 located on the north side of Agoura Road and west side of the Medea Creek about 1140' east of Kanan Road; access is through locked vehicle gate on Agoura Road to sampling points located about 660' north of Agoura Road at Roadside Drive/101 Freeway bridges; upstream and internal sampling points at same locations as previous cleanouts; downstream sampling point may be relocated once the BMP is set; from a water quality standpoint, project is "good to go" for start on Wednesday, 10/23.
		TEMP (°C)	21.68	20.55	19.96	
		pH	8.50	9.27	9.35	
		Turbidity (NTUs)	2.71	2.76	2.36	
		Dissolved O2 (mg/L)	18.10	18.32	16.63	
		Total Suspended Solids (mg/L)	8.0	10.0	ND	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 35 Medea Creek MCI	10/23/2013	TIME	1043	1051	1112	**During Work**
		SAMPLE NO.	MCRK/R35-1	MCRK/R35-2	MCRK/R35-3	Arrived on site about 1030; 1st and last day of field operations; upstream, internal, and downstream turbidity readings of 6.30 NTU, 5.31 NTU, and 11.5 NTU are all over 20% above the respective baseline levels of 2.71 (+20% = 3.25), 2.76 (+20% = 3.32), and 2.36 (+20% = 2.84); downstream sampling point relocated to below the BMP (straw waddle anchored with sand bags); notified and discussed results with crew from FMD Hansen Yard.
		TEMP (°C)	18.36	18.40	19.56	
		pH	9.01	9.45	8.70	
		Turbidity (NTUs)	6.30	5.31	11.50	
		Dissolved O2 (mg/L)	19.20	17.85	17.74	
		Total Suspended Solids (mg/L)	9.0	ND	10.0	
Reach 35 Medea Creek MCI	10/30/2013	TIME	1012	1020	1034	**Post Work**
		SAMPLE NO.	MCRK/R35-1	MCRK/R35-2	MCRK/R35-3	Arrived on site about 1000 to perform post-work monitoring and sampling at upstream, internal, and downstream points; upstream turbidity reading of 2.22 NTU is below the baseline level of 2.71; internal turbidity reading of 3.15 NTU is within the acceptable 20% limit of the baseline level of 2.76 (+20% =3.32) and the downsream turbidity reading of 4.89 NTU is over 20% above the baseline level of 2.36 (+20% = 2.84).
		TEMP (°C)	15.44	16.04	16.53	
		pH	8.58	7.48	8.86	
		Turbidity (NTUs)	2.22	3.15	4.89	
		Dissolved O2 (mg/L)	21.95	18.77	18.85	
		Total Suspended Solids (mg/L)	ND	ND	18.0	
Reach 25 Los Angeles River - West	10/2/2013	TIME	1017	1000	915	**Baseline/Pre-Work**
		SAMPLE NO.	LARW-1	LARW-2	LARW-3	Arrived on site about 0830 to perform pre-work baseline monitoring and sampling at upstream, internal, and downstream sampling points; met with Crew Leader Darryl Brown and Henry of FMD Imperial Yard; following completion of monitoring and sampling, crew started hand work to remove castor bean plants from rock levee; from a water quality standpoint, project is "good to go" for start on Wednesday, 10/02.
		TEMP (°C)	20.94	20.67	20.93	
		pH	8.97	8.31	8.29	
		Turbidity (NTUs)	15.80	41.30	3.32	
		Dissolved O2 (mg/L)	19.22	18.59	14.77	
		Total Suspended Solids (mg/L)	31.0	47.0	7.0	
Reach 25 Los Angeles River - West	10/3/2013	TIME	1052	1039	1021	**During Work**
		SAMPLE NO.	LARW-1	LARW-2	LARW-3	Arrived on site about 1015; 2nd day of field operations; upstream and internal turbidity readings of 13.3 NTU and 8.43 NTU are both below the respective baseline levels of 15.8 and 41.3; downstream turbidity reading of 4.76 NTU is over 20% above the baseline level of 3.32 (+20% = 3.98) possibly due to ducks feeding in vicinity of sampling point; crew working by hand on removing vegetation from the rock levee and have no influence on turbidity or water quality; notifed and discussed results with Crew Leader Darryl Brown of FMD Imperial Yard.
		TEMP (°C)	23.32	22.29	22.13	
		pH	9.58	9.30	7.62	
		Turbidity (NTUs)	13.30	8.43	4.76	
		Dissolved O2 (mg/L)	15.78	18.20	10.69	
		Total Suspended Solids (mg/L)	67.0	59.0	16.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 25 Los Angeles River - West	10/4/2013	TIME	1025	1011	943	**During Work**
		SAMPLE NO.	LARW-1	LARW-2	LARW-3	Arrived on site about 0935; 3rd day of field operations; high tide at time of monitoring/sampling; upstream and internal turbidity readings of 7.43 NTU and 5.72 NTU are both below the respective baseline levels of 15.8 and 41.3; downstream turbidity reading of 4.33 NTU is slightly over 20% above the baseline level of 3.32 (+20% = 3.98); crew working by hand on removing vegetation from the rock levee and have no influence on turbidity or water quality; notifed and discussed results with Crew Leader Darryl Brown of FMD Imperial Yard.
		TEMP (°C)	23.91	21.98	21.55	
		pH	9.84	8.40	8.51	
		Turbidity (NTUs)	7.43	5.72	4.33	
		Dissolved O2 (mg/L)	14.30	16.16	9.22	
		Total Suspended Solids (mg/L)	66.0	16.0	12.0	
Reach 25 Los Angeles River - West	10/7/2013	TIME	1419	1407	1346	**During Work**
		SAMPLE NO.	LARW-1	LARW-2	LARW-3	Arrived on site about 1340; 4th day of field operations; low tide at time of monitoring/sampling; upstream and internal turbidity readings of 5.32 NTU and 5.83 NTU are both below the respective baseline levels of 15.8 and 41.3; downstream turbidity reading of 6.04 NTU is over 20% above the baseline level of 3.32 (+20% = 3.98); crew working by hand on removing vegetation from the rock levee and have no influence on turbidity or water quality; notifed and discussed results with Crew Leader Darryl Brown of FMD Imperial Yard.
		TEMP (°C)	29.62	27.35	24.41	
		pH	11.27	9.99	8.90	
		Turbidity (NTUs)	5.32	5.83	6.04	
		Dissolved O2 (mg/L)	13.32	14.75	14.70	
		Total Suspended Solids (mg/L)	54.0	27.0	39.0	
Reach 25 Los Angeles River - West	10/8/2013	TIME	1540	1527	1508	**During Work**
		SAMPLE NO.	LARW-1	LARW-2	LARW-3	Arrived on site about 1500; 5th day of field operations; low tide at time of monitoring/sampling; upstream and internal turbidity readings of 6.02 NTU and 5.89 NTU are both below the respective baseline levels of 15.8 and 41.3; downstream turbidity reading of 4.98 NTU is over 20% above the baseline level of 3.32 (+20% = 3.98); crew working by hand on removing vegetation from the rock levee and have no influence on turbidity or water quality; notifed and discussed results with Crew Leader Darryl Brown of FMD Imperial Yard.
		TEMP (°C)	27.22	26.69	23.03	
		pH	11.20	10.03	7.75	
		Turbidity (NTUs)	6.02	5.89	4.98	
		Dissolved O2 (mg/L)	16.62	11.71	14.16	
		Total Suspended Solids (mg/L)	44.0	73.0	19.0	
Reach 25 Los Angeles River - West	10/10/2013	TIME	1524	1505	1447	**During Work**
		SAMPLE NO.	LARW-1	LARW-2	LARW-3	Arrived on site about 1440; no work on Wednesday, 10/09 due to rain; 6th day of field operations; end of daily monitoring and start of weekly monitoring; significant floating vegetation in water and increased flow from upstream; upstream turbidity reading of 25.1 NTU is over 20% above the baseline level of 15.8 (+20% = 18.8) due to upstream sources; internal turbidity reading of 22.8 NTU is below the baseline level of 41.3; downstream turbidity reading of 24.9 NTU is over 20% above the baseline level of 3.32 (+20% = 3.98); crew working by hand on removing vegetation from the rock levee and have no influence on turbidity or water quality; notifed and discussed results with Crew Leader Darryl Brown of FMD Imperial Yard.
		TEMP (°C)	24.72	23.69	20.68	
		pH	7.22	7.20	8.87	
		Turbidity (NTUs)	25.10	22.80	24.90	
		Dissolved O2 (mg/L)	17.39	16.28	19.67	
		Total Suspended Solids (mg/L)	44.0	142.0	32.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 25 Los Angeles River - West	10/24/2013	TIME	930	945	1021	**During Work**
		SAMPLE NO.	LARW-1	LARW-2	LARW-3	Arrived on site about 0930; 1st round of weekly monitoring/sampling; equipment working on levee to remove vegetation; upstream and internal turbidity readings of 4.78 NTU and 12.0 NTU are both below the respective baseline levels of 15.8 and 41.3; downstream turbidity reading of 6.79 NTU is over 20% above the baseline level of 3.32 (+20% = 3.98); notifed and discussed results with Crew Leader Darryl Brown of FMD Imperial Yard.
		TEMP (°C)	19.23	19.17	19.40	
		pH	9.35	9.39	10.20	
		Turbidity (NTUs)	4.78	12.00	6.79	
		Dissolved O2 (mg/L)	13.43	12.67	14.50	
		Total Suspended Solids (mg/L)	8.0	24.0	18.0	
Reach 25 Los Angeles River - West	10/31/2013	TIME	937	928	850	**During Work**
		SAMPLE NO.	LARW-1	LARW-2	LARW-3	Arrived on site about 0845; 2nd round of weekly monitoring/sampling; upstream and internal turbidity readings of 3.10 NTU and 7.20 NTU are both below the respective baseline levels of 15.8 and 41.3; downstream turbidity reading of 3.42 NTU is within the acceptable 20% limit of the baseline level of 3.32 (+20% = 3.98); equipment working on levee to remove vegetation; notifed and discussed results with Crew Leader Darryl Brown of FMD Imperial Yard.
		TEMP (°C)	15.93	15.53	15.46	
		pH	8.97	6.71	8.03	
		Turbidity (NTUs)	3.10	7.20	3.42 <20% BL	
		Dissolved O2 (mg/L)	20.52	19.43	22.80	
		Total Suspended Solids (mg/L)	20.0	24.0	10.0	
Reach 25 Los Angeles River - West	11/7/2013	TIME	1120	1140	1215	**During Work**
		SAMPLE NO.	LARW-1	LARW-2	LARW-3	Arrived on site about 1110; 3rd round of weekly monitoring/sampling; upstream, internal, and downstream turbidity readings of 6.42 NTU, 7.25 NTU, and 3.18 NTU are all below the respective baseline levels of 15.8, 41.3, and 3.32; crew working with dozers on removing vegetation from the roock levee and has no influence on turbidity or water quality; notifed and discussed results with Darrel Feiker of FMD Imperial Yard.
		TEMP (°C)	22.12	21.26	20.22	
		pH	9.88	9.37	7.63	
		Turbidity (NTUs)	6.42	7.25	3.18 <BL	
		Dissolved O2 (mg/L)	10.03	15.48	16.09	
		Total Suspended Solids (mg/L)	29.0	17.0	12.0	
Reach 25 Los Angeles River - West	11/19/2013	TIME	1206	1154	1117	**Post Work**
		SAMPLE NO.	LARW-1	LARW-2	LARW-3	Arrived on site about 1110 to perform post-work monitoring and sampling at upstream, internal and downstream sampling points; project completed on or about 11/13; upstream and internal turbidity readings of 6.07 NTU and 12.0 NTU are both below the respective baseline levels of 15.8 and 41.3; downstream turbidity reading of 7.20 NTU is over 20% above the baseline level of 3.32 (+20% = 3.98).
		TEMP (°C)	18.19	18.16	18.33	
		pH	10.08	8.59	8.92	
		Turbidity (NTUs)	6.07	12.00	7.20	
		Dissolved O2 (mg/L)	21.31	21.78	47.82	
		Total Suspended Solids (mg/L)	34.0	42.0	14.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 25 Los Angeles River - East	10/11/2013	TIME	1344	1402	1420	**Baseline/Pre-Work**
		SAMPLE NO.	LARE-1	LARE-2	LARE-3	Arrived on site about 1330 to perform pre-work baseline monitoring and sampling at upstream, internal, and downstream sampling points; met with Crew Leader Darryl Brown and Henry of FMD Imperial Yard; following completion of monitoring and sampling, crew started hand work to remove castor bean plants from rock levee; from a water quality standpoint, project is "good to go" for start on Friday, 10/11.
		TEMP (°C)	27.08	25.54	20.87	
		pH	9.71	10.47	9.60	
		Turbidity (NTUs)	4.12	11.90	5.48	
		Dissolved O2 (mg/L)	17.83	15.65	13.05	
		Total Suspended Solids (mg/L)	18.0	84.0	15.0	
Reach 25 Los Angeles River - East	10/15/2013	TIME	1351	1403	1422	**During Work**
		SAMPLE NO.	LARE-1	LARE-2	LARE-3	Arrived on site about 1345; 2nd day of field operations; very low tide at time of monitoring/sampling; upstream turbidity reading of 5.83 NTU is slightly over 20% above the baseline level of 4.12 (+20% = 4.94) probably due to discharges from City of Long Beach Pump Station behind the east levee on the north side of Willow Street; internal turbidity reading of 7.77 NTU is below the baseline level of 11.9 and the downstream turbidity reading of 7.88 NTU is over 20% above the baseline level of 5.48 (+20% = 6.58); crew working by hand on removing vegetation from the rock levee and has no influence on turbidity or water quality; notified and discussed results with Crew Leader Darryl Brown of FMD Imperial Yard.
		TEMP (°C)	28.78	27.58	24.89	
		pH	10.08	10.46	9.15	
		Turbidity (NTUs)	5.83	7.77	7.88	
		Dissolved O2 (mg/L)	16.91	15.79	15.77	
		Total Suspended Solids (mg/L)	46.0	20.0	22.0	
Reach 25 Los Angeles River - East	10/16/2013	TIME	1505	1519	1533	**During Work**
		SAMPLE NO.	LARE-1	LARE-2	LARE-3	Arrived on site about 1450; 3rd day of field operations; very low tide at time of monitoring/sampling; upstream turbidity reading of 4.71 NTU is within the acceptable 20% limit of the baseline level of 4.12 (+20% = 4.94); internal turbidity reading of 10.06 NTU is below the baseline level of 11.9 and the downstream turbidity reading of 7.12 NTU is slightly over 20% above the baseline level of 5.48 (+20% = 6.58); crew working by hand on removing vegetation from the rock levee and has no influence on turbidity or water quality; notified and discussed results with Crew Leader Darryl Brown of FMD Imperial Yard.
		TEMP (°C)	30.26	28.93	24.66	
		pH	10.50	10.65	8.86	
		Turbidity (NTUs)	4.71	10.06	7.12	
		Dissolved O2 (mg/L)	16.96	16.06	15.63	
		Total Suspended Solids (mg/L)	36.0	49.0	18.0	
Reach 25 Los Angeles River - East	10/17/2013	TIME	1509	1522	1539	**During Work**
		SAMPLE NO.	LARE-1	LARE-2	LARE-3	Arrived on site about 1500; 4th day of field operations; upstream turbidity reading of 5.02 NTU is just barely over 20% above the baseline level of 4.12 (+20% = 4.94); internal turbidity reading of 9.46 NTU is below the baseline level of 11.9 and the downstream turbidity reading of 8.82 NTU is over 20% above the baseline level of 5.48 (+20% = 6.58); crew working by hand on removing vegetation from the rock levee and has no influence on turbidity or water quality; notified and discussed results with Crew Leader Darryl Brown of FMD Imperial Yard.
		TEMP (°C)	27.30	27.08	23.01	
		pH	11.12	11.41	8.00	
		Turbidity (NTUs)	5.02	9.46	8.82	
		Dissolved O2 (mg/L)	16.39	16.77	12.66	
		Total Suspended Solids (mg/L)	14.0	54.0	33.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 25 Los Angeles River - East	10/18/2013	TIME	1523	1542	1553	**During Work**
		SAMPLE NO.	LARE-1	LARE-2	LARE-3	Arrived on site about 1510; 5th day of field operations; end of daily monitoring and start of weekly monitoring; preparations being made for arrival of equipment during week of 10/21; BMPs of K-rail and sandbags set upstream of upstream sampling point to divert water toward center of LA River channel resulting in a large amount of floating vegetation in the water; very low tide at time of monitoring/sampling; upstream turbidity reading of 9.82 NTU is over 20% above the baseline level of 4.12 (+20% = 4.94); internal turbidity reading of 9.37 NTU is below the baseline level of 11.9 and the downstream turbidity reading of 22.0 NTU is over 20% above the baseline level of 5.48 (+20% = 6.58); notified and discussed results with Crew Leader Darryl Brown of FMD Imperial Yard.
		TEMP (°C)	30.96	28.30	25.72	
		pH	10.36	10.65	9.64	
		Turbidity (NTUs)	9.82	9.37	22.00	
		Dissolved O2 (mg/L)	15.14	13.53	15.62	
		Total Suspended Solids (mg/L)	206.0	71.0	39.0	
Reach 25 Los Angeles River - East	10/24/2013	TIME	850	912	1008	**During Work**
		SAMPLE NO.	LARE-1	LARE-2	LARE-3	Arrived on site about 0830; 1st round of weekly monitoring; vegetation removal with equipment and trucks; upstream turbidity reading of 25.4 NTU is over 20% above the baseline level of 4.12 (+20% = 4.94); internal turbidity reading of 12.5 NTU is within the acceptable 20% limit of the baseline level of 11.9 (+20% = 14.28) and the downstream turbidity reading of 7.13 NTU is slightly over 20% above the baseline level of 5.48 (+20% = 6.58); notified and discussed results with Crew Leader Darryl Brown of FMD Imperial Yard.
		TEMP (°C)	20.25	19.63	19.42	
		pH	8.67	9.20	9.48	
		Turbidity (NTUs)	25.40	12.50	7.13	
		Dissolved O2 (mg/L)	9.89	11.83	11.39	
		Total Suspended Solids (mg/L)	220.0	62.0	19.0	
Reach 25 Los Angeles River - East	10/31/2013	TIME	945	955	1020	**During Work**
		SAMPLE NO.	LARE-1	LARE-2	LARE-3	Arrived on site about 0840; 2nd round of weekly monitoring; upstream turbidity reading of 22.6 NTU is over 20% above the baseline level of 4.12 (+20% = 4.94); internal and downstream turbidity readings of 5.06 NTU and 3.51 NTU are both below the respective baseline levels of 11.9 and 5.48; upstream turbidity due to access route in river from Wardlow Road to work area; notified and discussed results with Crew Leader Darryl Brown of FMD Imperial Yard.
		TEMP (°C)	16.08	15.88	16.85	
		pH	9.57	9.36	8.24	
		Turbidity (NTUs)	22.60	5.06	3.51 <BL	
		Dissolved O2 (mg/L)	17.58	15.67	17.13	
		Total Suspended Solids (mg/L)	149.0	22.0	14.0	
Reach 25 Los Angeles River - East	11/7/2013	TIME	1019	1036	1058	**During Work**
		SAMPLE NO.	LARE-1	LARE-2	LARE-3	Arrived on site about 1000; 3rd round of weekly monitoring; upstream turbidity reading of 10.94 NTU is over 20% above the baseline level of 4.12 (+20% = 4.94); internal turbidity reading of 9.48 NTU is below the baseline level of 11.9 NTU; downstream turbidity reading of 9.78 NTU is over 20% above the baseline level of 5.48 (+20% = 6.58); elevated downstream turbidity due to dozer removing bushes close to the waterline; notified and discussed results with Derrel Feiker of FMD Imperial Yard.
		TEMP (°C)	21.21	19.78	18.57	
		pH	8.62	9.21	8.32	
		Turbidity (NTUs)	10.94	9.48	9.78	
		Dissolved O2 (mg/L)	19.60	13.94	10.17	
		Total Suspended Solids (mg/L)	32.0	22.0	10.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 25 Los Angeles River - East	11/19/2013	TIME	1215	1220	1249	**Post Work**
		SAMPLE NO.	LARE-1	LARE-2	LARE-3	Arrived on site about 1210 to perform post-work monitoring and sampling at upstream, internal, and downstream sampling points; project completed on or before Wednesday, 11/13; upstream and internal turbidity readings of 4.81 NTU and 12.8 NTU are both within the acceptable 20% limit of the respective baseline levels of 4.12 (+20% = 4.94) and 11.9 (+20% = 14.3); downstream turbidity reading of 5.44 NTU is below the baseline level of 5.48.
		TEMP (°C)	18.21	18.09	17.76	
		pH	9.84	9.64	8.67	
		Turbidity (NTUs)	4.81	12.80	5.44 <BL	
		Dissolved O2 (mg/L)	18.41	20.72	19.68	
		Total Suspended Solids (mg/L)	53.0	54.0	9.0	
Reach 37 Medea Creek/Cheseboro Outlet	10/21/2013	TIME	1440	1447	1455	**Baseline/Pre-Work**
		SAMPLE NO.	MCRK/R37-1	MCRK/R37-2	MCRK/R37-3	Arrived on site about 1435 to perform pre-work baseline monitoring and sampling at upstream, internal, and downstream sampling points; upstream, internal, and downstream sampling points at same locations as previous cleanouts; downstream sampling point may be relocated once the BMP is set; from a water quality standpoint, project is "good to go" for proposed start on Monday, 10/28.
		TEMP (°C)	24.30	23.74	25.08	
		pH	7.98	8.52	8.45	
		Turbidity (NTUs)	3.78	2.23	2.37	
		Dissolved O2 (mg/L)	16.13	17.20	15.32	
		Total Suspended Solids (mg/L)	23.0	ND	16.0	
Reach 37 Medea Creek/Cheseboro Outlet	10/24/2013	TIME	1222	1238	1248	**During Work**
		SAMPLE NO.	MCRK/R37-1	MCRK/R37-2	MCRK/R37-3	Arrived on site about 1215; 1st day of field operations; BMP consists of a straw waddle anchored with sand bags; downstream sampling point does not need to be relocated; upstream turbidity reading of 3.31 NTU is below the baseline level of 3.78; internal and downstream turbidity readings of 34.3 NTU and 14.9 NTU are both over 20% above the respective baseline levels of 2.23 (+20% 2.67) and 2.37 (+20% = 2.85) due to removal of vegetation from the channel with equipment; notified and discussed results with crew from FMD Hansen Yard.
		TEMP (°C)	23.21	21.25	22.34	
		pH	8.45	8.31	8.47	
		Turbidity (NTUs)	3.31	34.30	14.90	
		Dissolved O2 (mg/L)	7.96	11.29	9.08	
		Total Suspended Solids (mg/L)	ND	ND	ND	
Reach 37 Medea Creek/Cheseboro Outlet	10/28/2013	TIME	1018	1027	1036	**During Work**
		SAMPLE NO.	MCRK/R37-1	MCRK/R37-2	MCRK/R37-3	Arrived on site about 1000; 2nd day of field operations; upstream turbidity reading of 3.51 NTU is below the baseline level of 3.78; internal turbidity reading of 13.8 NTU is over 20% above the baseline level of 2.23 (+20% 2.67) due to a large amount of floating vegetation and debris in the water; downstream turbidity reading of 2.87 NTU is just barely over 20% above the baseline level of 2.37 (+20% = 2.85); notified and discussed results with Crew Leader Phil Horst from FMD Hansen Yard.
		TEMP (°C)	19.75	17.93	18.20	
		pH	6.15	8.84	9.96	
		Turbidity (NTUs)	3.51	13.80	2.87	
		Dissolved O2 (mg/L)	35.50	18.52	16.51	
		Total Suspended Solids (mg/L)	52.0	6.0	ND	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 37 Medea Creek/Cheseboro Outlet	10/29/2013	TIME	1056	1106	1115	**During Work**
		SAMPLE NO.	MCRK/R37-1	MCRK/R37-2	MCRK/R37-3	Arrived on site about 1040; 3rd day of field operations; upstream, internal, and downstream turbidity readings of 41.5 NTU, 38.2 NTU, and 25.0 NTU are all well over 20% above the respective baseline levels of 3.78 (+20% = 4.54), 2.23 (+20% 2.67), and 2.37 (+20% = 2.85); large amount of floating vegetation and debris in the water from 10/28 rain event resulting in the higher turbidity readings; crew working on banks and not within the channel; notified and discussed results with Crew Leader Phil Horst from FMD Hansen Yard.
		TEMP (°C)	16.58	16.11	16.75	
		pH	8.29	8.32	9.19	
		Turbidity (NTUs)	41.50	38.20	25.00	
		Dissolved O2 (mg/L)	19.85	17.02	16.06	
		Total Suspended Solids (mg/L)	361.0	69.0	46.0	
Reach 37 Medea Creek/Cheseboro Outlet	10/30/2013	TIME	1041	1047	1055	**During Work**
		SAMPLE NO.	MCRK/R37-1	MCRK/R37-2	MCRK/R37-3	Arrived on site about 1040; 4th day of field operations; all turbidity readings down significantly from previous day's readings; upstream turbidity reading of 1.87 NTU is below the baseline level of 3.78; internal and downstream turbidity readings of 5.93 NTU and 4.95 NTU are both over 20% above the respective baseline levels of 2.23 (+20% 2.67) and 2.37 (+20% = 2.85) ; crew working on banks and not within the channel; notified and discussed results with Crew Leader Phil Horst from FMD Hansen Yard.
		TEMP (°C)	17.12	16.34	17.16	
		pH	8.67	8.64	9.69	
		Turbidity (NTUs)	1.87	5.93	4.95	
		Dissolved O2 (mg/L)	20.35	20.36	19.08	
		Total Suspended Solids (mg/L)	4.0	11.0	16.0	
Reach 37 Medea Creek/Cheseboro Outlet	10/31/2013	TIME	1222	1230	1239	**During Work**
		SAMPLE NO.	MCRK/R37-1	MCRK/R37-2	MCRK/R37-3	Arrived on site about 1215; 5th day of field operations; upstream turbidity reading of 3.35 NTU is below the baseline level of 3.78; internal and downstream turbidity readings of 51.2 NTU and 89.0 NTU are both well over 20% above the respective baseline levels of 2.23 (+20% 2.67) and 2.37 (+20% = 2.85) ; equipment working in the open-box concrete channel removing debris below the upstream sampling point resulting in increased turbidity downstream; crew working on banks and not within the channel; notified and discussed results with Construction Superintendent Robert Briones of FMD Hansen Yard.
		TEMP (°C)	21.55	20.38	20.72	
		pH	8.26	9.88	10.12	
		Turbidity (NTUs)	3.35	51.20	89.00	
		Dissolved O2 (mg/L)	17.24	18.19	16.33	
		Total Suspended Solids (mg/L)	57.0	127.0	292.0	
Reach 37 Medea Creek/Cheseboro Outlet	11/1/2013	TIME	1037	1043	1050	**During Work**
		SAMPLE NO.	MCRK/R37-1	MCRK/R37-2	MCRK/R37-3	Arrived on site about 1030; 6th and final day of field operations; upstream turbidity reading of 3.20 NTU is below the baseline level of 3.78; internal and downstream turbidity readings of 26.6 NTU and 44.8 NTU are both over 20% above the respective baseline levels of 2.23 (+20% 2.67) and 2.37 (+20% = 2.85) ; no crew on site and all equipment removed prior to monitoring and sampling; confirmed this as the final day of work with Foreman Jr. Moreno of FMD Hansen Yard.
		TEMP (°C)	16.01	14.73	15.67	
		pH	9.40	8.65	8.55	
		Turbidity (NTUs)	3.20	26.60	44.80	
		Dissolved O2 (mg/L)	21.93	17.44	19.87	
		Total Suspended Solids (mg/L)	5.0	25.0	64.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 37 Medea Creek/Cheseboro Outlet	11/8/2013	TIME	956	1006	1015	**Post Work**
		SAMPLE NO.	MCRK/R37-1	MCRK/R37-2	MCRK/R37-3	Arrived on site about 0945 to perform post-work monitoring and sampling at upstream, internal, and downstream sampling points; upstream turbidity reading of 2.50 NTU is below the baseline level of 3.78; internal turbidity reading of 2.96 NTU is slightly over 20% above the baseline level of 2.23 (+20% 2.67) and the downstream turbidity reading of 2.74 NTU is within the acceptable 20% limit of the baseline level of 2.37 (+20% = 2.85).
		TEMP (°C)	18.17	16.20	16.71	
		pH	7.48	8.61	8.41	
		Turbidity (NTUs)	2.50	2.96	2.74 <20% BL	
		Dissolved O2 (mg/L)	22.64	21.85	20.17	
		Total Suspended Solids (mg/L)	16.0	12.0	7.0	
Reach 82 Santa Clara River/PD 2278	11/1/2013	TIME	751	807	817	**Baseline/Pre-Work**
		SAMPLE NO.	SCR/R82-1	SCR/R82-2	SCR/R82-3	Arrived on site about 0730 to perform pre-work baseline monitoring and sampling at upstream, internal, and downstream sampling points; internal and downstream sampling points marked with wooden stakes; after baseline monitoring and sampling, outflow at headworks for PD 2278 was dammed with sand bags to eliminate water flow across the project; from a water quality standpoint, project is "good to go" for start on Friday morning, 11/01.
		TEMP (°C)	13.79	12.87	12.49	
		pH	8.84	9.91	8.57	
		Turbidity (NTUs)	10.99	55.70	15.30	
		Dissolved O2 (mg/L)	19.28	18.59	11.80	
		Total Suspended Solids (mg/L)	13.0	59.0	13.0	
Reach 82 Santa Clara River/PD 2278	11/1/2013	TIME	See Comments			**During Work**
		SAMPLE NO.				Arrived on site about 1230; 1st and last day of field operations; no crews on site; no inflow of water to the project at the upstream sampling point; surface water at internal and downstream sampling points was stagnant; no monitoring/sampling performed during cleanout operations because the site did not meet RWQCB parameters.
		TEMP (°C)				
		pH				
		Turbidity (NTUs)				
		Dissolved O2 (mg/L)				
		Total Suspended Solids (mg/L)				
Reach 82 Santa Clara River/PD 2278	11/8/2013	TIME	See Comments			**Post Work**
		SAMPLE NO.				Arrived on site about 0745 to perform post-work monitoring and sampling at upstream, internal, and downstream sampling points; no inflow at upstream sampling point and surface water was stagnant at internal and downstream sampling points; no monitoring/sampling performed because the site did not meet RWQCB parameters.
		TEMP (°C)				
		pH				
		Turbidity (NTUs)				
		Dissolved O2 (mg/L)				
		Total Suspended Solids (mg/L)				

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 5 Caballero Creek	10/4/2013	TIME	1349	1405	1414	**Baseline/Pre-Work**
		SAMPLE NO.	CABCRK/R5-1	CABCRK/R5-2	CABCRK/R5-3	Arrived on site about 1330 to perform pre-work baseline water monitoring and sampling at upstream, internal, and downstream points; upstream and internal sampling points at locations similar to previous cleanout in 2011; will reestablish downstream sampling point once the BMP is set; internal sampling point covered with floating vegetation; from a water quality standpoint, project is "good to go" for start on Tuesday, 10/08.
		TEMP (°C)	21.65	23.66	24.90	
		pH	8.65	9.70	8.07	
		Turbidity (NTUs)	1.48	1.42	1.37	
		Dissolved O2 (mg/L)	17.27	16.64	14.91	
		Total Suspended Solids (mg/L)	ND	ND	ND	
Reach 5 Caballero Creek	10/8/2013	TIME	1116	1123	1140	**During Work**
		SAMPLE NO.	CABCRK/R5-1	CABCRK/R5-2	CABCRK/R5-3	Arrived on site about 1110; 1st day of field operations; BMP consists of straw waddle anchored with sandbags across the width of the channel; increased flow from upstream causing increased floating debris at internal and downstream sampling points; upstream and internal turbidty readings of 0.68 NTU and 1.21 NTU are both below the respective baseline levels of 1.48 and 1.42; downstream turbidity of 4.78 is over 20% above the baseline level of 1.37 (+20% = 1.65); notified and discussed results with Harry from FMD Hansen Yard; suggested an additional straw waddle upstream of the initial BMP to try and control downstream turbidity.
		TEMP (°C)	18.79	19.52	19.82	
		pH	8.61	8.17	9.31	
		Turbidity (NTUs)	0.68	1.21	4.78	
		Dissolved O2 (mg/L)	15.64	16.32	17.63	
		Total Suspended Solids (mg/L)	ND	42.0	44.0	
Reach 5 Caballero Creek	10/10/2013	TIME	1159	1208	1215	**During Work**
		SAMPLE NO.	CABCRK/R5-1	CABCRK/R5-2	CABCRK/R5-3	No work on Wednesday, 10/09 due to rain; arrived on site about 1150; 2nd and last day of field operations; upstream turbidity reading of 1.89 NTU just slightly over 20% above the baseline level of 1.48 (+20% = 1.78) probably due to recent rain and increased flow from upstream; internal and downstream turbidity readings of 3.21 NTU and 2.57 NTU are both over 20% above the respective baseline levels of 1.42 (+20% = 1.70) and 1.37 (+20% = 1.65) due to increased flow from recent rain event which completely cleared creek of floating vegetation; notified and discussed results with Crew Leader Phil Horst.
		TEMP (°C)	17.56	18.91	18.69	
		pH	8.74	8.67	8.82	
		Turbidity (NTUs)	1.89	3.21	2.57	
		Dissolved O2 (mg/L)	21.91	16.54	18.89	
		Total Suspended Solids (mg/L)	ND	ND	ND	
Reach 5 Caballero Creek	10/16/2013	TIME	1042	1050	1112	**Post Work**
		SAMPLE NO.	CABCRK/R5-1	CABCRK/R5-2	CABCRK/R5-3	Arrived on site about 1035 to perform post-work monitoring and sampling; upstream turbidity reading of 1.78 NTU within acceptable limit of baseline level of 1.48 (+20% = 1.78); internal and downstream turbidity readings of 1.73 NTU and 2.28 NTU are both slightly over 20% above the respective baseline levels of 1.42 (+20% = 1.70) and 1.37 (+20% = 1.65).
		TEMP (°C)	17.58	19.27	20.43	
		pH	8.76	9.96	10.60	
		Turbidity (NTUs)	1.78	1.73	2.28	
		Total Suspended Solids (mg/L)	ND	5.0	8.0	

Los Angeles River Watershed - Soft-Bottom Channels
Feasibility Studies Technical Assessments and Recommendations
WATER QUALITY SAMPLING TESTING AND MONITORING RESULTS (2013-14 Clearing)

Reach No./Name	DATE	Sampling Parameters	Sample Location			COMMENT
			Upstream of Project	Within Project	Downstream of Project	
Reach 6 Caballero Creek	10/10/2013	TIME	1226	1232	1242	**During Work**
		SAMPLE NO.	CABCRK/R6-1	CABCRK/R6-2	CABCRK/R6-3	Arrived on site about 1150; work nearly completed on Reach 6 although start of work was originally scheduled for Tuesday, 10/15/13 per the original request made on 10/02/13; no pre-work baseline monitoring and sampling performed; 1st and last day of field operations; BMP consists of straw waddle anchored with sandbags across the width of the channel; downstream sampling point is the same as that for Caballero Creek REach 5; will perform post-work monitoring and sampling next week; notified and discussed results with Crew Leader Phil Horst.
		TEMP (°C)	19.64	19.95	19.65	
		pH	8.07	7.94	8.36	
		Turbidity (NTUs)	10.90	4.51	3.22	
		Dissolved O2 (mg/L)	15.12	12.49	17.02	
		Total Suspended Solids (mg/L)	5.0	ND	ND	
Reach 6 Caballero Creek	10/16/2013	TIME	1056	1103	1115	**Post Work**
		SAMPLE NO.	CABCRK/R6-1	CABCRK/R6-2	CABCRK/R6-3	Arrived on site about 1035 to perform post-work monitoring and sampling; upstream, internal, and downstream turbidity readings of 3.68 NTU, 1.66 NTU, and 2.11 NTU are all below the respective baseline levels of 10.90, 4.51, and 3.22.
		TEMP (°C)	19.97	20.09	19.51	
		pH	8.56	8.35	7.96	
		Turbidity (NTUs)	3.68	1.66	2.11	
		Dissolved O2 (mg/L)	11.54	11.89	18.64	
		Total Suspended Solids (mg/L)	6.0	ND	ND	
Reach 100 Dry Canyon	10/15/2013	TIME	1059	1108	1116	**Baseline/Pre-Work**
		SAMPLE NO.	DC/R100-1	DC/R100-2	DC/R100-3	Arrived on site about 1030 to perform pre-work baseline monitoring and sampling at upstream, internal, and downstream sampling points; downstream sampling point may be relocated once the BMP is set; from a water quality standpoint, project is "good to go" for possible start on Friday, 10/18 .
		TEMP (°C)	18.85	18.17	20.23	
		pH	7.05	8.36	9.34	
		Turbidity (NTUs)	4.46	4.23	4.05	
		Dissolved O2 (mg/L)	22.54	18.68	18.27	
		Total Suspended Solids (mg/L)	ND	6.0	ND	
Reach 100 Dry Canyon	10/23/1323	TIME	1155	1202	1208	**Post-Work**
		SAMPLE NO.	DC/R100-1	DC/R100-2	DC/R100-3	Arrived on site about 1145 to perform post-work monitoring and sampling; upstream turbidity reading of 4.69 NTU is within the acceptable 20% limit of the baseline level of 4.46 (+20% = 5.36); internal and downstream turbidity readings of 6.05 NTU and 6.08 NTU are both over 20% above the respective baseline levels of 4.23 (+20% = 5.07) and 4.05 (+20% = 4.87); monitoring and sampling was not completed during the one-day cleanout operation due to a miscommunication in the field regarding the start/end date, which was Friday, 10/18; FMD was notified via e-mail on Monday, 10/21.
		TEMP (°C)	18.27	17.65	18.95	
		pH	8.34	9.62	10.07	
		Turbidity (NTUs)	4.69	6.05	6.08	
		Dissolved O2 (mg/L)	18.11	18.38	18.56	
		Total Suspended Solids (mg/L)	8.0	6.0	5.0	