RICHMOND WWTP AND COLLECTION SYSTEM MONTHLY OPERATING REPORT

SEPTEMBER 2010

EXECUTIVE SUMMARY

WWTP Operations

- No blending events.
- Monthly bioassay passed.
- One odor complaint received by Bay Area Air Quality Management District (BAAQMD) which they were unable to verify. Linda Dayoan of BAAQMD visited the plant and was informed of current circumstances including construction activities and aerator failures.
- Herwit Engineering was requested to provide suggestions to improve influent sampling.
- Assisted influent pump replacement project by providing portable generator, briefly powering down pump stations to make system adjustments including new power feeds and new seal water piping to Pump #4, etc.

Maintenance

- The Maintenance department completed 368 preventative maintenance work orders and 33 corrective work orders, including 205 PM work orders for the sanitary pump stations and 74 PM work orders for the storm system pump stations.
- It was decided that the backup influent pumping systems will remain in place until sufficient new pump capacity comes online, currently expected to be in November.
- Many improvements were made to the Vactors including new tires on Vactor #5, a back-up camera on Vactor # 11 (the Veolia owned Vactor) and jet-rodder pump performance testing on #7,. #9 and #11.
- Aerator 1B was repaired and put into service for Aerator 1C which showed was giving indication that the drive unit was not operating correctly. Evaluation of Aerator 1C is in progress.
- The VFD powering portable aerator now in the Aerator 1B position was replaced with a 75 HP model to better power the portable aerator.
- Maintenance provided the Collections with 2 days worth of assistance with bypass pumping for the difficult line blockage in the intersection of Cutting and Harbor. This

Veolia Water North America
601 Canal Blvd., Richmond, California 94804
Tel: 510-412-2001
Fax: 510-235-3354
www.veoliawaterna.com

blockage had to be approached from upstream through a surcharged manhole – a highly unusual and potentially dangerous activity.

Collections

A complete summary of Collections activities is contained in the attached Collections section.

Sanitary System Activities

- VWNA responded to 33 sanitary sewer related service calls.
- 13 point repairs were completed on the sanitary sewer system (see attached spreadsheet)
- 17,299.85lf of sanitary sewer pipeline was cleaned (scheduled maintenance) (see attached spreadsheet).
- 131 Sanitary Lift station PMs were completed.
- 7,766.4lf of Sanitary Sewer Closed Circuit Televising activities.
- Spreadsheet of September scheduled sanitary sewer cleaning is attached.
- Spreadsheet attached for all sanitary sewer Hotspots.
- There were 0 capacity related and 3 O&M related sanitary sewer overflows this month.

Storm water System Activities

- 35 Catch basin/Culvert/Manholes storm water system cleaning activities were completed and 10,846lf feet of storm pipes cleaned (See attached spreadsheet for locations).
- VWNA responded to 6 storm water related service calls during the month.
- 74 Storm Lift station PM activities were completed.
- 7 point repairs were completed on the storm system (see attached spreadsheet).

Capital Projects

The complete CPM Monthly Report, including an executive summary, is attached, following the Collections Metrics.

MONTHLY PERFORMANCE INDICATORS

September 2010

Parameter	Monthly Performance Indicators	Limit/Target
Treatment Plant Operations:		
Influent Flow, daily average. MGD	5.64	N/A
Influent BOD_5, avg. mg/L	409	N/A
Influent TSS, avg. mg/L	747	N/A
Effluent BOD_5, avg. mg/L	8.9	30 or less
Effluent TSS, avg mg/L	8.2	30 or less
% BOD Removal	97.1	> 85
% TSS Removal	97.4	> 85
Effluent limit excursions	0	0
Blending events	0	0
Total volume blended, MG	0	0
Odor complaints	1	0
Sludge pumped to drying beds, MG	2.09	N/A
Leachate received, GAL	400,372	N/A
Leachate received YTD (2010), MG	4.77	N/A
Sanitary Sewer System		
Sanitary sewer callouts	33	0
Sanitary sewer line cleaned, linear feet	17,299.85	25,000
Sanitary sewer overflows	3	2(Month) 24 (’09)
Sanitary point repairs completed	13	NA
Sanitary sewer back-ups causing property damage	0	0
Storm Sewer System		
Storm sewer callouts	6	0
Storm sewer point repairs	7	NA

Veolia Water September 2010 Sanitary Cleaning Summary			
Date Issued	**Length Cleaned**	**Asset Name**	**Hitorical ID**
9/14/2010	297	K12SF535_K12MH2567	010009_520181
9/13/2010	455	K12SF632_K13MH149	010012_010010
9/16/2010	455	K12SF632_K13MH149	010012_010010
9/13/2010	299	K13MH150_K13MH149	010017_010010
9/13/2010	300	K13MH152_K13MH150	010018_010017
9/3/2010	152	G16MH62_H16SS11	010361_410023
9/7/2010	152	G16MH62_H16SS11	010361_410023
9/25/2010	237.08	J11MH1438_J11MH1439	030008_030013
9/1/2010	534.48	J12SF56_J12MH525	030115_030114
9/14/2010	569	I11MH1461_I11MH1464	030127_030155
9/14/2010	249.58	I12MH604_I12MH614	030216_030214
9/27/2010	389	I13MH22_I13MH26	030261_030262
9/25/2010	389	I13MH22_I13MH26	030261_030262

Veolia Water September 2010 Sanitary Cleaning Summary			
Date Issued	**Length Cleaned**	**Asset Name**	**Hitorical ID**
9/21/2010	485.81	I11SF2_I11MH1408	040001_040002
9/24/2010	146	H11SF312_H11MH1165	040084_040083
9/23/2010	422	H12MH1045_H12MH1043	040099_040117
9/15/2010	250	H12MH1044_H12MH1045	040100_040099
9/16/2010	445	H12SF664_H12MH257	040145_040144
9/23/2010	330	H13SF533_H13MH626	040184_040185
9/3/2010	249.17	J10MH1575_J10MH1764	050109_050106
9/22/2010	312	J9MH1674_J9MH1677	050151_050154
9/22/2010	334	J9MH1677_I9MH1656	050154_050157
9/22/2010	140	I9MH1656_I9MH2253	050157_050158
9/23/2010	252.21	I10MH2288_I10MH2320	050171_050168
9/21/2010	494.78	I9SF282_H9MH1718	080043_080076
9/21/2010	494.78	I9SF282_H9MH1718	080043_080076

Veolia Water September 2010 Sanitary Cleaning Summary			
Date Issued	**Length Cleaned**	**Asset Name**	**Hitorical ID**
9/23/2010	495	I9SF591_H9MH1716	080045_080080
9/27/2010	106	G7MH319_G7MH2846	090143.10_090020A
9/23/2010	150.78	G7MH665_G7MH661	090218_090223
9/8/2010	122.46	F7MH348_F7MH349	090300_090298
9/27/2010	509.31	G9MH1277_G9MH1274	100070_100093
9/10/2010	440	G9MH1268_G9MH1277	100071_100070
9/21/2010	37	G9MH1289_G9MH1290	110024_110023
9/18/2010	413	F9MH1330_G9MH1289	110145_110024
9/2/2010	498	F11MH859_F11MH2487	120079.01_520087
9/21/2010	466.32	H11SF333_H11MH855	130004_130005
9/15/2010	410.79	G12MH1004_G12MH1012	130055_130054
9/16/2010	302	G12MH1013_G12MH1016	130070_130090
9/16/2010	32	G12MH210_G12MH211	130093_130092

Veolia Water September 2010 Sanitary Cleaning Summary			
Date Issued	**Length Cleaned**	**Asset Name**	**Hitorical ID**
9/16/2010	510	F12MH2023_E12MH812	140039_140141
9/14/2010	427	E12MH2233_E12MH809	140148_120167
9/13/2010	470	E12MH1606_E12MH2233	140150_140148
9/20/2010	229.91	E13MH1919_E13MH2033	140221_140220
9/16/2010	236	E14SF579_E14MH469	140259_140258
9/28/2010	249.39	I11MH28_H11MH1157	510191_040039
9/9/2010	388	E12MH400_E11MH401	520002_520003
9/9/2010	37	E11MH401_E11MH1474	520003_120147
9/18/2010	274	F10MH2490_F9MH1330	520090_110145
9/14/2010	311	K12MH2567_K12MH559	520181_010008
9/27/2010	123	G7MH2637_G7MH319	520256_090143.10
9/16/2010	147	F13MH2382_F13MH2013	520384_140111
9/16/2010	227	F12MH2737_F12MH2394	520389_520019

Veolia Water September 2010 Sanitary Cleaning Summary			
Date Issued	**Length Cleaned**	**Asset Name**	**Hitorical ID**
9/27/2010	282	I9SF364_I9MH1698	610019_080034
9/13/2010	355	K13SF516_K13MH150	610105_010017
9/30/2010	217	G9SF362_G9MH1283	#N/A

17299.85

October/November 2010 Hotspots		
Length	**Veolia Asset ID**	**Historical ID**
446.00	J11MH1430_J11MH1442	030024_030022
250.00	K11MH1884_K11MH2773	020053_520075
250.00	K11MH2773_K11MH1883	520439_020046
412.00	K11SF499_K11MH1883	020045_020046
238.00	K11MH1883_K11MH1881	020046_020054
563.00	K11MH1881_K11MH2077	020054_020053
32.52	K11MH2077_K11MH2470	020053_520075
298.74	K11MH2076_K11MH2566	020055_520180
305.37	K11MH2566_K11MH1888	520180_020052
500.00	K11MH2144_K11MH2143	020062_020061
601.00	K11MH2143_K11MH1889	020061_020060
628.00	K11MH2139_K11MH2141	020073_020072
608.00	K11MH2141_K11MH2146	020072_020071
608.00	K11MH2138_K11MH2147	020082_020079
626.00	J11MH1892_J11MH1897	020141_020140

October/November 2010 Hotspots		
Length	**Veolia Asset ID**	**Historical ID**
582.53	J11MH1897_J11MH2078	020140_020139
127.48	J11MH2078_J11MH1608	020139_020144.01
31.92	J11MH1608_J11MH2128	020144.01_020144
649.00	J11MH1894_J11MH1895	020156_020155
610.41	J11MH1895_J11MH2131	020155_020154
28.00	J11MH2131_J11MH2130	020154_020153
166.00	J11MH2129_J11MH2131	020147_020154
657.28	J11MH2059_J11MH1433	030004_030003
553.89	J11MH1433_J11MH1435	030003_030002
282.00	J11MH2131_J11MH1435	020154_030002
643.02	J11MH2060_J11MH1432	030010_030009
565.98	J11MH1432_J11MH1438	030009_030008
258.12	J11MH1435_J11MH2479	030002_520079
9.43	J11MH2479_J11MH1438	520079_030008
568.13	J11MH1431_J11MH1439	030014_030013

October/November 2010 Hotspots		
Length	**Veolia Asset ID**	**Historical ID**
237.08	J11MH1438_J11MH1439	030008_030013
265.00	J11MH1439_J11MH1442	030013_030022
114.40	J11SF444_J11MH1442	030023_030022
31.16	J11MH1442_J11MH1441	030022_030021
373.46	K11SF503_K11MH2472	020058_020065
30.00	K11MH2472_K11MH2145	020065_020066
13.17	J11MH2478_J11MH1436	520078_030006
355.00	J11MH1436_J11MH2480	030006_030018
39.00	J11MH2480_J11MH1440	030018_030019
544.46	F13MH1927_E13MH1874	140131_140184
32.14	G12MH210_G12MH211	130093_130092
313.89	G12MH215_G12MH210	130099_130093
261.32	G12MH1178_G12MH1177	130040_130052
194.09	G12MH1177_G12MH1372	130052_130067
254.61	G12MH217_G12MH215	130104_130099

October/November 2010 Hotspots		
Length	**Veolia Asset ID**	**Historical ID**
501.40	G12MH203_G12MH217	130105_130104
335.00	G12SF259_G12MH203	130108_130105
410.87	G12MH1009_G12MH1010	130032_130031
410.79	G12MH1004_G12MH1012	130055_130054
420.60	G12MH916_G12MH1013	130072_130070
259.48	G12MH218_G12MH217	130109_130104
260.44	G12MH828_G12MH218	130113_130109
326.96	G12SF263_G12MH207	130115_130114
467.73	G12MH207_G12MH828	130114_130113
314.63	G12MH685_G12MH682	130127_130126
288.42	G12MH1018_G12MH685	130128_130127
301.74	G12MH1023_G12MH1024	130063_130085
288.65	G12MH1025_G12MH1023	130050_130063
259.99	G12MH837_G12MH836	130037_130049
260.03	G12MH836_G12MH834	130049_130062

October/November 2010 Hotspots		
Length	**Veolia Asset ID**	**Historical ID**
226.51	F13MH1922_F13MH2009	140128_140127
318.04	F13MH2009_F13MH1927	140127_140131
258.84	E13MH2075_E13MH2072	140203_140201
301.00	E13MH2038_E13MH2075	140211_140203
126.06	E13MH2036_E13MH2038	140215_140211
532.17	F13MH2013_F13MH2008	140111_140109
115.77	F13SF601_F13MH2012	140137_140136
281.73	F13SF575_F13MH2012	140138_140136
235.72	F13MH2012_F13MH2010	140136_140133
37.18	F12MH827_F12MH201	140019_140026
402.12	F12MH201_F12MH2022	140026_140027
418.21	F13MH439_F13MH431	140056_140054
187.68	F13MH1921_F13MH2008	140129_140109
236.00	E14SF579_E14MH469	140259_140258
555.79	E13MH1966_E13MH2038	140212_140211

October/November 2010 Hotspots		
Length	**Veolia Asset ID**	**Historical ID**
320.00	E13MH1978_E13MH2075	140204_140203
217.19	E13MH2169_E13MH1978	140207_140204
285.20	E13MH2027_E13MH1874	140192_140184
206.90	E13MH1979_E13MH1978	140205_140204
549.57	F13MH2002_F12MH2022	140084_140027
356.42	F12SF254_F12MH825	140014_140015
47.13	F12MH825_F12MH826	140015_140016
255.48	F12MH826_F12MH827	140016_140019
51.52	H13MH239_H13MH240	010346_010333
247.57	H13MH238_H13MH239	010337_010346
317.05	F13MH441_F13MH2004	140074_140073
326.32	H13MH230_H13MH239	010348_010346
324.00	H13SF113_H13MH239	010347_010346
404.48	H13SF1012_H13MH231	610104_010350
259.52	H12MH831_G12MH837	040177_130037

October/November 2010 Hotspots		
Length	**Veolia Asset ID**	**Historical ID**
559.27	H12MH699_H12MH2085	040172_040171
251.23	H12SF135_H12MH271	040140_040136
259.54	H12MH258_H12SF135	040142_040140
260.39	H12MH1039_H12MH1038	040153_040152
99.66	H12MH1038_H12MH1037	040152_040151
136.28	E13MH1916_E13MH1874	140185_140184
211.41	F13MH2010_F13MH1927	140133_140131
302.57	G12MH1013_G12MH1016	130070_130090
115.94	F13SF603_F13MH2382	140113_520384
147.95	F13MH2382_F13MH2013	520384_140111
338.33	H12MH2784_H12MH1037	520351_040151
227.96	F12MH2737_F12MH2394	520389_520019
260.01	H12MH259_H12MH257	040146_040144
445.97	H12SF664_H12MH257	040145_040144

Veolia Water Storm Cleaning Summary September 2010									
Asset Id's	Location	Sediment	Debris	Trash	Vegetation	Cleaned	Length	Cul/CB/MH	Date
J10X0063-J10X0067	PENNSYLVANIA AND 14TH	M	H	H		580	580	MH	10/4/2010
J9X9008-J10X060	PENNSYLVANIA AND HARBOUR	H	H	H		500	500	MH	10/4/2010
J9X9008-J9X9009	PENNSYLVANIA AND HARBOUR	H	H	H		120	120	MH	10/4/2010
J10X9084-J9X9064	HARBOUR AND KEARNEY	H	H	M		180	180	CB	10/4/2010
J10X9084-NO ID	HARBOUR AND KEARNEY	H	H	L		116	116	CB	10/4/2010
J9X0037-J9X9063	PENNSYLVANIA AND HARBOUR	H	H	H		492	492	MH	10/4/2010
J9X0036-J9X0038	PENNSYLVANIA AND HARBOUR	H	H	H		500	500	MH	10/0510
J9X9002-J9X0036	PENNSYVLANIA AND 4TH	H	H	H		501	501	MH	10/0510
J9X0034-J9X9003	PENNSYLVANIA AND 3RD	H	H	H		572	572	MH	10/0510
J9X0018-NO ID	LUCAS AVE AND 6TH	L	M	M		330	330	MH	10/6/2010
J9X0018-J9X0022	LUCAS AVE AND 8TH	L	H	H		503	503	MH	10/6/2010
J10X0079-J10X0001	PENNSYLVANIA AND 20TH	L	M	L		540	540	MH	10/6/2010
J9X0005-NO ID	LINCOLN AVE AND 7TH	H	H	H		330	330	MH	10/6/2010
J10X0040-J10X0041	20TH AND BURBECK	M	M	M		250	250	MH	10/8/2010

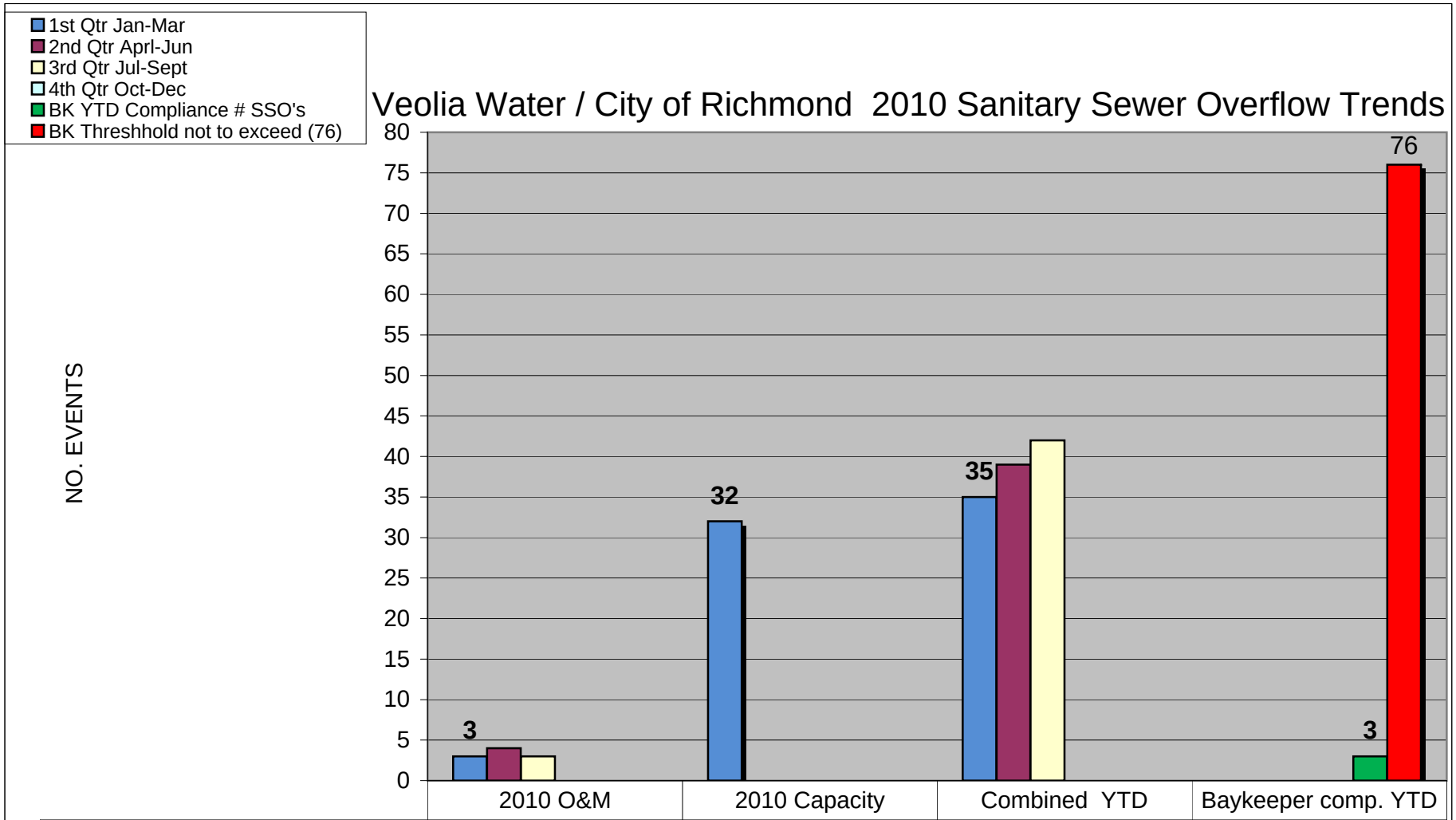
Veolia Water Storm Cleaning Summary September 2010									
Asset Id's	Location	Sediment	Debris	Trash	Vegetation	Cleaned	Length	Cul/CB/MH	Date
J10X0046-J10X0036	20TH AND GAYNOR AVE	M	M	M		260	260	MH	10/8/2010
V-DITCH	INDUSTRIAL PARK BY CENTRAL	L	L	L	M	331	331	V-DITCH	8/23/2010
V-DITCH	END OF MORTON AVE	L	L	L	H	712	712	V-DITCH	8/23/2010
V-DITCH	GOODRICK AVE	L	M	H	M	1033	1033	V-DITCH	8/29/2010
V-DITCH	6TH AND LINCOLN	M	M	M	M	535	535	V-DITCH	8/26/2010
V-DITCH	7TH AND HENSLEY AND LINCOLN	L	L	H	H	230	230	V-DITCH	9/8/2010
V-DITCH	WESTERN AND LOBOS	L	L	L	H	151	151	V-DITCH	9/7/2010
V-DITCH	723-747 WESTERN	O	H	H	O	160	160	V-DITCH	9/7/2010
V-DITCH	GARBAGE PILE IN YARD	O	H	H	H			V-DITCH	9/8/2010
V-DITCH	960 7TH AND HENSLEY	O	O	O	H	64	64	V-DITCH	9/9/2010
V-DITCH	CANYON ESTATES PUMP STATION 1	O	O	O	H	80	80	V-DITCH	9/10/2010
V-DITCH	CANYON ESTATES PUMP STATION 2	O	O	O	H	400	400	V-DITCH	9/13/2010
V-DITCH	SOUTHWEST ANNEX PS	O	O	O	H	120	120	V-DITCH	9/14/2010
V-DITCH	6225 DOREMUS AND COURTLAND	L	O	O	H	30	30	V-DITCH	9/20/2010

Veolia Water Storm Cleaning Summary September 2010									
Asset Id's	Location	Sediment	Debris	Trash	Vegetation	Cleaned	Length	Cul/CB/MH	Date
V-DITCH	6642 CLINTON AND YUBA	L	O	L	M	150	150	V-DITCH	9/20/2010
V-DITCH	5661 CLINTON AND SONOMA	L	O	O	H	187	187	V-DITCH	9/24/2010
V-DITCH	706 WESTERN AND LOBOS	L	L	O	H	108	108	V-DITCH	9/27/2010
V-DITCH	3649 MAY AND POINTED PONY	L	O	O	H	510	510	V-DITCH	9/29/2010
V-DITCH	MAY AND POINTED PONY	L	O	O	H	271	271	V-DITCH	9/29/2010
						10846			

Veolia Water September 2010 Storm and Sanitary Point Repairs					
Date	**Address**	**Line Segment**	**Point Repair**	**Sanitary or Storm?**	**Pipe Length R and R**
8/25/2010	25th and Nevin	I11SF833	Removed and replaced sewer lamphole, placed concrete and asphalt	Sanitary	
8/24/2010	2nd and Florida	G9SF765_G9MH1141	removed and replaced Mh frames and cover and installed a 3" grade ring, placed concrete	Sanitary	
8/25/2010	2nd and Florida	G9SF765_G9MH1141	Paved and grouted inside of MH	Sanitary	
10/7/2010	Conestoga & Castro	M20X0020-M20X0073	Sink Hole. Excavated & exposed void in 24" R.C.P. Placed concrete on the inside & outside of pipe. Placed trench plate & cutback.	Storm	
8/31/2010	Conestoga & Castro	M20X0020-M20X0073	Sink Hole. Backfilled & compacted CL II A-B, Paved 6: of asphalt, Removed plate & de-mobed.	Storm	
10/7/2010	13th & Hellings	K10X0018	Measured & ordered frame & top for new inlet. Saw cut & demo-ed 1" from the top of the existing inlet.	Storm	
9/3/2010	13th & Hellings	K10X0018	Drilled & set new frame in concrete. Job complete.	Storm	
10/7/2010	35th & McBryde	K12MH554-K12MH98	Pipe Missing. Installed 5' of new 6" M-L placed concrete & backfilled & paved.	Sanitary	

Veolia Water September 2010 Storm and Sanitary Point Repairs					
Date	**Address**	**Line Segment**	**Point Repair**	**Sanitary or Storm?**	**Pipe Length R and R**
9/08/2010	35th & McBryde	K12MH554-K12MH98	Installed a new channel & a new concrete base.	Sanitary	
10/07/2010	Solano & Key	J13MH2241	Raised # 4 Manholes & three lamp holes.	Sanitary	
10/7/2010	3515 Waller	G12MH1004 - G12MH1012	Called out to fill sink hole with drain rock & cutback.	Sanitary	
10/7/2010	1st & Chanslor	H9MH143 - H9MH145	Removed Brick & pipe debris from inside manhole.	Sanitary	
10/7/2010	1100 Marina Way S.	D10X0006	Saw cut, Remove crushed inlet, Set new inlet, Demo C & G & sidewalk.	Storm	
9/22/2010	1100 Marina Way S.	D10X0006	Placed & compacted rock, Formed C & G & sidewalk, Doweled conc. Placed & finished 2.5 C.Y. of concrete.	Storm	
10/7/2010	1st & MacDonald	I9MH396 - I9MH1101	Large Void R & R 5' & new Y, B-F & placed cut back	Sanitary	
09/27/2010	1st & MacDonald	I9MH396 - I9MH1101	Removed cut back and placed hot asphalt.	Sanitary	

Veolia Water September 2010 Storm and Sanitary Point Repairs					
Date	**Address**	**Line Segment**	**Point Repair**	**Sanitary or Storm?**	**Pipe Length R and R**
10/07/2010	1100 Marina Way S.	D10X0006	Saw cut, Removed & replaced asphalt. Removed forms & cleaned up.	Storm	
10/07/2010	2700 Bissell	H11SF312	Removed & replaced sewer clean out, Placed in concrete	Sanitary	
10/07/2010	24th & Roosevelt	111MH1461-111MH1464	Void at M-H Removed & replaced 5' of M-L backfilled & paved (9' Deep)	Sanitary	5
10/07/2010	24th Street Manhole	I11MH2151 -I11MH1461	Large void at M-H Removed & replaced 6' of M-L backfilled & paved (9' Deep)	Sanitary	6



	2010 O&M	2010 Capacity	Combined YTD	Baykeeper comp. YTD
1st Qtr Jan-Mar	3	32	35	
2nd Qtr Aprl-Jun	4	0	39	
3rd Qtr Jul-Sept	3	0	42	
4th Qtr Oct-Dec				
BK YTD Compliance # SSO's				3
BK Threshhold not to exceed (76)				76

PROJECT STATUS REPORT

Monthly Capital Project Status Internal Report

City of Richmond, CA
September 2010

Submitted by:

John Hart
Senior Project Manager
Veolia Water West Operating Services, Inc.

Client:	City of Richmond
Location:	Richmond, CA
Report Number:	
Report Date:	October 14, 2010
Type of Project:	Capital Projects

Submitted By:	John Hart
Recipients:	See Distribution
Project Executive	John Herron
Const Mgr.	Robert Brown
Assist. Project Mgr.	Greg Felter

SECTION	DESCRIPTION	PAGE
1	Executive Summary	3
2	Safety Status	5
3	Critical Issues	6
4	Project Proposal Status	7
5	Invoicing Status	8
6	Project Review	9
	▪ San Pablo Ave. Sewer Line Replacement – 3301900	9
	▪ Influent Pump Procurement – 3303400	9
	▪ Facility Master Plan – 3303700	10
	▪ Digester #2 Rehabilitation – 3304000	10
	▪ Tidal Inflow & Infiltration Reduction – 3304200	12
	▪ Emergency Repairs – 3304800	12
	▪ 2009 Manhole Rehabilitation – 3306500	13
	▪ Sunset Pointe Generator Relocation Project – 3306600	13
	▪ Plant Electrical Rehabilitation – 3306700	13
	▪ Digester Rehabilitation Phase 2 (Grit Reduction) – 3307000	14
	▪ Miscellaneous Projects	14
7	Distribution	15

Attachments

- Project Financials
- Individual Project Schedules

SECTION 1

EXECUTIVE SUMMARY

Through September 2010, Veolia is actively managing 10 projects. Pending projects include the cogeneration project, which will be a separate task authorization from the digester rehabilitation project.

- Construction on the Tidal Inflow and Infiltration reduction project started in mid May 2010; Salt River Construction has installed flap gates and tide flex valves at outfall location 4 and outfall location 3. Salt River Construction has discovered extremely poor soil conditions at outfall location 2 and has submitted a change order for the additional unanticipated work needed to complete the project, due to tides that are not at the correct level, Salt River anticipates that they will not be able to continue work on the remaining two outfall structures until November.

- The Pennsylvania Ave. Emergency Repair project has been completed by Ghilotti Bros. and the project will be closed out once final invoices are paid.

- Herwit Engineering is awaiting instruction on whether to proceed with a redesign of the Electrical Rehabilitation project which would include new conduits and wires, which is Veolia's preference since it would avoid costly change orders during construction, or to continue with the original scope of work which specified reusing existing equipment. A meeting was held in June to discuss the preferences of Ops for the construction project. The City of Richmond has been notified of this requested design change and is reviewing the request for approval.

- Work is ongoing for the digester rehab project and Overaa Construction is continuing with installation of interior equipment, piping, and conduits. The City of Richmond, Veolia and Herwit jointly decided to delete the gas skid portion of the project. Veolia and Herwit will begin reviewing alternate technologies.

- Overaa has begun construction activities for the Influent Pump Replacement Project and has installed the MCCs and new pump and motor #4.

- The San Pablo Ave. upsizing project was approved in August by both the City of Richmond and Veolia upper management for construction activities to begin in mid October. Contracts have been set up with Harris and Associates and Ghilotti Bros. for different portions of the project.

- The City of Richmond has accumulated $140,588.35 in residual sums from partial payment that was received in late September for multiple projects.

- The City of Richmond City Council has approved a rate increase to fund a $40 Million bond to provide funding for additional plant and collection system

projects. Full and partial payments for many outstanding invoices were received in late September from the City of Richmond via money from general fund which will be repaid with the bond funds.

SECTION 2

SAFETY

- 3141 Veolia and subcontractor man hours worked this period, 11,288 subcontractor man hours worked to date.

	Recordable Incidents	OSHA Recordable Incident Rate	Construction Lost Time Accidents	Construction First Aid Cases	Hours Worked (VWNA & Contractor)
Current Period	0	0	0	0	3141
Job to Date (Since Jan. 1, 2010)	0	0	0	0	16152
Project Targets	0	0	0	0	

SECTION 3

CRITICAL ISSUES

1. Overaa Construction is working on digester rehab project and is on schedule. There have been no rain days during the month of August.
2. With the approval of the bond, the City of Richmond has provided authorization to proceed with the San Pablo Ave. Sewer line replacement and construction activities are expected to start in late October.
3. Repair of collapsed pipe on Pennsylvania Ave. between 12th St. and 13th St. underneath Union Pacific Railroad and BART tracks has been redesigned to reroute the flow and abandon the current undercrossing rather than proceed with the jack and bore under the railroad tracks. Construction began in early September and proceeded fairly smoothly and was completed on time.
4. C. Overaa and Co. is currently under contract and has started construction activities on the project and has installed the MCCs and pump and motor #4, however programming of the MCCs is still required.
5. Construction on the Tidal Inflow and Infiltration Reduction Project has stalled due to unforeseen soil problems and unavoidable tides. Salt River Construction anticipates continuing with the project in November.

SECTION 4

PROJECT PROPOSAL STATUS

Outstanding TA's:

- Keller Beach Workshop
- Pipe Replacement/Pavement Coordination

SECTION 5

INVOICING STATUS

Sixteen of the invoices that have been submitted to the City are awaiting payment for the remaining sum. The total amount on the invoices to be paid is $140,588.35. Veolia has provided the following invoices to the City, which require payment of the outstanding amounts shown. Projects that have received partial payment are indicated with **.

Invoice Number	Invoice Date	Due Date	Outstanding Amount
2603490**	2/18/2010	3/18/2010	$10,744.60
2603491**	2/18/2010	3/18/2010	$682.00
2603492**	2/18/2010	3/18/2010	$1,337.81
2603515**	3/19/2010	4/19/2010	$2,768.69
2603514	3/19/2010	4/19/2010	$2,876.80
2603513**	3/19/2010	4/19/2010	$16,106.36
2603539**	4/22/2010	5/21/2010	$11,885.40
2603540**	4/22/2010	5/21/2010	$3,338.08
2603541**	4/22/2010	5/21/2010	$1,412.24
2603543**	5/20/2010	6/21/2010	$15,482.64
2603561**	5/20/2010	6/21/2010	$4,012.64
2603560**	5/20/2010	6/21/2010	$1,381.87
2603587**	6/21/2010	7/21/2010	$8,870.96
2603592**	7/23/2010	8/22/2010	$2,697.00
2603618**	8/20/2010	9/20/2010	$43,750.92
2603619**	8/20/2010	9/20/2010	$13,240.34
		Total	$140,588.35

SECTION 6

PROJECT REVIEW

San Pablo Ave. Sewer Line Replacement # 33019

Progress This Report Period

- Preliminary submittals have been received from the contractor and responded to by the design engineer.
- Contracts have been set up with Harris and Associates and Ghilotti Bros. to perform the work.

Activities Scheduled for Next Period

- Additional submittals and RFIs will be submitted by the contractor as the project continues.
- Construction activities to begin.

Schedule Review

- The construction schedule was delayed while proper permits were secured.
- Construction activities are expected to begin in mid to late October.

Influent Pump Replacement # 33034

Progress This Report Period

- Rain for Rent temporary pumps are still in place to assist in pumping until new units are installed.
- Task authorization was signed by City of Richmond in April. Work has been approved by the City of Richmond due to passage of the bond. Work started August 2, 2010.
- Overaa has finished installation of new pump and motor #4.
- Electrical MCCs have been installed, but still require programming.

Installed Pump and Motor #4

Activities Scheduled for Next Period

- Programming of MCCs to power pump #4.
- Preparation for installation of pump #1

Schedule Review
- Project is on schedule.

Facility Master Plan # 33037

Progress This Report Period

- Final payment has been received.

Activities Scheduled for Next Period

- Project closeout.

Digester Control Building No. 2 Rehabilitation # 33040

Progress This Report Period

- Weekly construction meetings continue to be held with Overaa to discuss the project and issues that arise.

- Requests for Information, submittals and responses are exchanged on a regular basis.
- Overaa continues to install interior piping and mechanical and electrical equipment.
- Gas processing skids portion of the project has been cancelled at mutual agreement of Veolia, Herwit and City of Richmond Staff due to inability of the vendor to provide acceptable equipment.

Installed Equipment 9/27/2010

Activities Scheduled for Next Period

- Overaa to continue construction activities.
- Overaa to continue installation of electrical and mechanical equipment inside the building.
- Meetings to continue with Overaa on a weekly basis.

Schedule Review

- Project has had 15 rain days since start of project
- Project is on schedule

Tidal Inflow & Infiltration Reduction # 33042

Progress This Report Period

- Salt River has submitted a change order request for outfall location 2 due to unforeseen soil conditions in the area. The City of Richmond and Veolia have approved the change order and work will proceed on the remaining two outfall locations.
- Due to insufficiently low tides, Salt River Construction has been unable to continue work at the two remaining outfalls. Salt River expects the soonest possibility to continue work at the sites will be November.

Activities Scheduled for Next Period

- Continued installation of valves at outfall locations 1 & 2.

Schedule Review

- Construction and installation of flap gates and tideflex valves been delayed due to unfavorable tides.

Emergency Repairs # 33048

Progress This Report Period

- Ghilotti Bros. proceeded with construction activities at the beginning of September and completed in roughly 30 days.

Activities Scheduled for Next Period

- Close out of 2009 Emergency Repairs project will occur once final payments have been made for Pennsylvania Ave. project.

Schedule Review

- Construction of the project is completed.

2009 Manhole Rehabilitation # 33065

Progress This Report Period

- Final invoices have been paid by the City of Richmond.

Activities Scheduled for Next Period

- Project closeout.

Schedule Review

- Project is completed.

Sunset Pointe Generator Relocation # 33066

Progress This Report Period

- Project ready to proceed due to approved funding by the City of Richmond

Activities Scheduled for Next Period

- Ghilotti Bros. to proceed with construction activities.

Schedule Review

- Construction is expected to start in late October or early November after completion of the San Pablo Ave. Sanitary Sewer Repair Project.

Electrical Rehabilitation # 33067

Progress This Report Period

- City of Richmond staff is reviewing expanded scope of work that was proposed.

Activities Scheduled for Next Period

- Herwit Engineering is on hold pending authorization of expanded scope of work.

- City of Richmond will advise on whether or not to proceed with expanded scope of work.

Schedule Review

- Project schedule has been pushed back to allow Herwit additional time for expanded design scope.

Digester Rehabilitation Phase 2 (Grit Reduction) # 33070

Progress This Report Period

- Carrollo Engineers is continuing with design of new grit system.

Activities Scheduled for Next Period

- Carollo Engineers to continue with design of new grit system.

Schedule Review

- Project is on Schedule.

Miscellaneous Projects

Progress This Report Period

- No progress to report this period

SECTION 7

DISTRIBUTION

Distribution via email:

John Herron	John.herron@veoliawaterna.com
Mark Grushayev	Mark.Grushayev@veoliwaterna.com
Chad Davisson	Chad_Davisson@ci.richmond.ca.us
CC: File	