STAFF REPORT

TO: SASM Commissioners

FROM: Mark Grushayev, WWT Manager

VIA: Jill Barnes, P.E., Director of Public Works/City Engineer

SUBJECT: Wastewater Treatment Plant Manager's Report

DATE: July 18, 2013

ISSUE:
Summary of operations and maintenance activities through July 12, 2013.

RECOMMENDATION:
Receive report.

Private Lateral Replacement Program
A schedule of activities through for the last month is provided (Attachment 1.)

2013/14 Budget Update
This follows a request for further information regarding the 13/14 Budget discussion at the June 20, 2013 meeting. Commissioners requested clarification regarding the 2013/14 Capital Improvements Program projects to better understand which of these were included in the prior bond offering. The attached table is revised to indicate if the CIP is an approved bond expenditure or funded from SASM revenue (Attachment 2.) A table of the SASM approved budget presented at the Retreat is also included for reference. It provides each bond project's expenditures as of June 30, 2013 (Attachment 3.)

Compliance
There were no permit violations during the reporting period.
The WWIP (Wet Weather Improvement Plan) is required by the new NPDES permit to be submitted to the State by August 1, 2013. The draft of the Plan is completed and was distributed to member agencies via District Managers during regular monthly meeting on July 10.
Staff completed the RMP (Regional Monitoring Program) metal loading report which will allocate the RMP cost by loading of participating agencies.

Training

ITEM 2

Operations and maintenance staff conducted trenching and excavating training.
Laboratory staff attended training for the Marin WWTP laboratories on the EPA's method Updates Rule (MUR) which was promulgated in 2012 and we now have to incorporate into SASM Standard Operating Procedures and QA/QC.

Public Outreach

Another successful Wetlands Days on June 18 & 19! About 320 3rd graders attended.

Safety

Safety Committee recommended to withdraw from CMSA safety program due to cost escalation as a result of SMSD withdrawal from this program. The Committee decided to utilize the resources provided by CSRMA and the membership in My Safety Officer – web-based support program at significantly lower cost.

Maintenance

During the reporting period: 47 preventive maintenance work orders were completed by the operations and maintenance personnel, 18 corrective work orders were completed by maintenance personnel.

Capital Improvement Program

The proposals for Headworks Rehabilitation design have been received. Staff has recommended to contract with Carollo Engineers to complete the initial phase of design concluded with pre-design report. This approach will provide needed information for adequate planning and budgeting for the next phase.

The agreement for the Digester #2 cleaning has been signed and this project is scheduled to start on July 22, 2013. The cleaning should be done over a two weeks period. After the cleaning we plan to inspect for structural integrity.

Following the direction given by the Board at the Planning Workshop on June 6, the RFP for the WWTP Master Plan was completed and sent out to several Bay Area industry leaders in engineering including RMC, Carollo Engineers and CH2MHill. The deadline for submitting proposals is July 31, 2013.

Item 3. SEWERAGE AGENCY OF SOUTHERN MARIN
PRIVATE LATERAL REPAIR PROGRAM
SUMMARY OF ACTIVITY

AGENCY	LOANS	GRANTS	INSPECTIONS	Total
ALMONTE				
Total Amount	$ 10,039.50	$ 24,734.00	$ 3,942.88	**$ 38,716.38**
Total Activity	4.00	9.00	12.00	**25.00**
ALTO				
Total Amount	-	$ 8,101.50	$ 1,602.50	**$ 9,704.00**
Total Activity	-	2.00	6.00	**8.00**
CITY MILL VALLEY				
Total Amount	$ 33,932.37	$ 92,987.27	$ 11,609.53	**$ 138,529.17**
Total Activity	7.00	23.00	36.00	**66.00**
HOMESTEAD				
Total Amount	$ 14,522.75	$ 30,706.92	$ 6,306.00	**$ 51,535.67**
Total Activity	2.00	10.00	20.00	**32.00**
RICHARDSON BAY				
Total Amount	-	$ 22,217.53	$ 3,038.15	**$ 25,255.68**
Total Activity	-	6.00	10.00	**16.00**
TCSD				
Total Amount	-	$ 2,000.00	$ 1,062.50	**$ 3,062.50**
Total Activity	-	1.00	4.00	**5.00**
TOTAL SASM				
Total Amount	**$ 58,494.62**	**$ 180,747.22**	**$ 27,561.56**	**$ 266,803.40**
Total Activity	**13.00**	**51.00**	**88.00**	**152.00**

	Loans	Grants & Inspections	TOTAL
SEP Requirements	$ 400,000.00	$ 200,000.00	$ 600,000.00
Amount Remaining	**$ 341,505.38**	**$ (8,308.78)**	**$ 333,196.60**

SASM FY 2013-14 CIP Update
18-Jul-13

Fiscal Yr.	10/11	11/12	12/13	Projected 13/14	Bond Funded *Revised 2013-14*	Revenue Funded
Replace Dewatering Equipment						
		$420,000				
Replace Bar Screens						
				$340,000		
HEADWORKS REHABILITATION						
					$480,000	
Replace Grit System						
			$140,000			
Secondary Clarifier Sweeps Restore						
			$50,000	$50,000	***$100,000***	
Upgrade SCADA System and Workstations						
			$250,000		***$250,000***	
Trestle Glen Emergency Generator Replacement						
			$105,000		***$140,000***	
Electrical Switchgear and Cable Assessments/Repairs/Upgrades						
			$100,000		*$100,000*	
Effluent Pump Automatic Discharge Valves and Actuators						
			$85,000		***$105,000***	
Primary Settling Tank Retrofit						
	$27,000					
Replace Digester Heat Exchanger						
		$75,000			*$95,000*	
Replace Recirculation Pumps						
	$150,000					
SASM Pump Station Improvemets (EPA Requirements)						
	$30,000	$150,000	$30,000	$1,100,000	*$680,000*	
Concrete assessment and repair program						
	$64,000	$65,000	$65,000	$65,000	*$90,000*	
Sewer system repair program						
	$25,000	$50,000	$50,000	$50,000	***$150,000***	
Clean digestrs # 1&#2						
		$100,000	$100,000		***$200,000***	
Private Lateral Replacment Project (SEP)						
	$50,000	$50,000	$100,000	**$100,000**	***$100,000***	
Aramburu Island Restroation Project (SEP)						
		$105,001				
SD5 Dechlor Replacement						
		$93,715	$100,000			***$100,000***
Equalization Pond Leak						
			$229,360			$229,360
TOTAL	**$346,000**	**$1,015,001**	**$1,404,360**	**$1,705,000**	**$2,490,000**	**$329,360**

Completed
Combined into Larger Project
Moved to 2013-14-15
Under evaluation

BOLD - in progress

ITEM 2
ATTACHMENT 2

SASM Approved Budget
Capital Improvement Projects
Bond Program Update (1)

Description	Account	Budgeted Expenditures Included in Bond	06/30/13 Project To-Date Expenditures	06/30/13 To-Date Bond Reimbursements
2012/2013 Projects				
Replace Grit System	800 583001 960	140,000	-	-
Secondary Clarifier Sweeps Restore	800 583002 960	50,000	-	-
Upgrade SCADA System and Workstations	800 583003 960	250,000	36,013	35,668
Trestle Glen Emergency Generator Replacement	800 583004 960	105,000	-	-
Electrical Switchgear and Cable	800 583005 960	100,000	-	-
Effluent Pump Valves and Actuators	800 583006 960	85,000	-	-
Pump Station Improvemets	800 583008 960	30,000	13,657	16,638
Concrete assessment and repair program	800 583009 960	65,000	-	-
Sewer system repair program	800 583010 960	50,000	-	-
Clean Digester No. 2	800 583011 960	100,000	1,696	-
Private Lateral Replacment Project	800 583012 960	70,000	66,404	62,204
Total 2012/2013 CIP Expenditures		**1,045,000**	**117,771**	**114,510**
Prior Years Projects				
Pump Station Improvemets	800 581003 960	30,000	18,872	18,872
Sewer system repair program	800 581005 960	9,080	1,340	1,340
Clean Digester No. 1	800 581006 960	100,000	-	-
Private Lateral Replacment Project	800 581007 960	4,750	4,750	4,750
Replace Dewatering Equipment	800 582001 960	478,350	471,973	463,337
Replace Digester Heat Exchanger	800 582002 960	75,000	-	-
SASM Pump Station Improvemets	800 582003 960	150,000	3,782	3,782
Concrete assessment and repair program	800 582004 960	45,000	-	-
Sewer system repair program	800 582005 960	55,200	5,200	5,200
Private Lateral Replacment Project	800 582007 960	143,845	143,704	143,704
Aramburu Island	800 582008 960	105,000	105,001	105,001
Total Carryover CIP Expenditures		**1,196,225**	**754,621**	**745,985**
TOTAL BOND ELIGIBLE CIP PROJECTS		**2,241,225**	**872,391**	**860,495**

(1) Includes expenditures on CIP identified in the Bond Offering including expenditures in fiscal year 2011/12 and excludes projects not identified for reimbursement from bond proceeds

(2) Requisition submitted, pending trustee funding