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Date: April 15, 2009

To: The Honorable Board of Directors

From: Richard W. Atwater  
Chief Executive Officer/General Manager

Subject: General Manager's Report Regarding Agency Activities

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### **INTERAGENCY WATER MANAGERS' MEETING**

The next Interagency Water Managers' meeting is scheduled for April 23, 2009, as part of the Watermaster Advisory Committee agenda.

### **OPERATIONS**

During the 2008 calendar year, the Agency maintained 100% compliance with the Santa Ana Regional Water Control Board NPDES permit and all Department of Health Services recycled water and groundwater recharge requirements. This is a remarkable feat at any time, but is particularly impressive considering the amount of construction at RP-1, RP-4 and CCWRF in 2008. Congratulations to the entire Operations Team for successfully achieving our core mission of treating wastewater, producing high quality recycled water and protecting the environment.

IEUA has requested a modification to its Recycled Water Groundwater Recharge permit that over the long-term should allow approximately 20 percent more recycled water recharge by allowing storm water and imported water recharge volumes to remain in the running average calculation of allowed recycled water recharge for an additional 60 months. The concept of Recycled Water Contribution (RWC) is first determined by TOC concentrations, but is then measured monthly as a rolling 60-month average ratio of recycled water recharge volume to total recharge volume. To bring the calculation into line with imported water availability, IEUA has requested the RWC calculation be extended from 60 months to 120 months.

To initiate this permit change, IEUA staff met with senior staff of the California Department of Public Health and with the Regional Water Quality Control Board, Santa Ana Region. Supplemental data documenting an equal level of public protection were provided to these agencies. In addition to these data, Mr. Gerald Thibeault, Executive Officer of the Santa Ana Regional Board, required IEUA demonstrate through modeling the potential impacts of the change on the ambient groundwater quality with respect to total dissolved solids and total inorganic nitrogen. IEUA has contracted with Wildermuth Environmental, Inc (WEI) to perform the modeling utilizing the Chino Basin numerical groundwater flow model. At a proposed cost of \$42,000 WEI would conduct the modeling and provide a letter report documenting the results.

The Regional Water Quality Control Board is to calendar the requested permit change for their regularly scheduled May 29, 2009 Board meeting.

### **IERCF Variance and Source Test Update**

The Inland Empire Regional Composting Facility (IERCF) conducted the first official source test to verify biofilter air emissions compliance during the week of February 16, 2009. The testing was scheduled and completed consistent with the conditions of the South Coast Air Quality Management District (SCAQMD) regular variance which was granted to the Inland Empire Regional Composting Authority (IERCA) by the SCAQMD Hearing Board in November 2007 to allow time for redesign and implementation of improvements to the amendment hoppers. These improvements were necessary to allow the facility to achieve greater than 80% throughput in order for a valid source test to be conducted. The Hearing Board gave IERCA approximately 18 months, ending in April 2009, to allow for all facility upgrades to be constructed, an official source test to be conducted and a final report submitted. The following Increments of Progress were required by the SCAQMD Hearing Board as conditions for the variance:

1. On or before May 15, 2008, petitioner shall file with the district an application for a permit to construct the redesigned Amendment Hopper System. Petitioner shall request and agree to pay for expedited permit processing. [Submitted]
2. On or before January 1, 2009, petitioner shall complete the installation of the redesigned Amendment Hopper System, debug it and attain 80% throughput. [Completed]
3. On or before March 1, 2009, petitioner shall perform an official source test on the redesigned Amendment Hopper System. [Completed in February 2009]
4. On or before April 15, 2009, petitioner shall provide a certification of compliance report to the District as required in Rule 1133.2(d)(8) and achieve final compliance. [In progress]

The source test sampling, analysis and reporting takes about a month to complete at a cost of approximately \$125,000. Preliminary results from the source test received in mid March 2009, indicated that the biofilter is fully compliant with SCAQMD rule 1133.2 requiring removal efficiencies of >80% for both Volatile Organic Compounds (VOC) and ammonia, as well as with the mass emission permit requirement for ammonia which requires ammonia emissions to be < 1,577 lbs/month. The preliminary results however indicated that the biofilter is not compliant with the very stringent VOC mass emissions requirement of < 1,402 lbs/month.

Preliminary source test results are summarized in the following table:

	<b>Permit Requirements</b>	<b>Preliminary Results</b>
<b>Ammonia</b>	Achieve >80% Removal	100%
	< 1577 lbs/month	0 lbs/month
<b>VOCs</b>	Achieve >80% Removal	88%
	< 1402 lbs/month	5429 lbs/month

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Because of the likely non compliance with the VOC mass emissions requirement, and following the direction of legal counsel, a request for an Interim Variance hearing with the SCAQMD Hearing Board was scheduled. An Interim Variance hearing is required when there is insufficient time to schedule a Regular Variance (requiring a 30 day public notice period). The Interim Variance hearing was held on March 26, 2009 at SCAQMD headquarters. IERCA presented an excellent case for good cause to the Board and an Interim Variance was granted until May 12, 2009 when a Regular Variance hearing has been scheduled. One Board member did voice strongly her concerns about IERCA's perceived lack of mitigation measures taken and/or under consideration since becoming aware of the non-compliance. LACSD and IEUA staff are working closely with legal counsel to prepare for the Regular Variance hearing where a case will be made to allow IERCA up to a year to validate any legitimate VOC permit exceedance, implement any appropriate fixes and redo the source test. It should be noted that VOC sampling and analysis using the SCAQMD required 25.3 Method, is very complex, time consuming, involving multiple parties, and very expensive – there are no AQMD acceptable quick and easy ways to get official VOC results. The preliminary results indicate that the biofilter's removal efficiencies for VOC are very good during low air flow conditions which occur during non-operating hours (about 15 hours/day). However, during high air flow conditions during the daytime when personnel are working in the building (about 9 hours/day), the data shows concentrations of VOCs feeding the biofilter that vary widely, as does the biofilter's ability to remove them. Staff is continuing to carefully study the data while performing a variety of field tests to better understand the cause of the erratic nature of the high flow VOC data, as well as evaluate and implement any short term mitigation measures.

<b>IEUA - SUMMARY OF CHINO BASIN GROUNDWATER RECHARGE OPERATIONS</b>						
<b>(Acre-feet)</b>						
<b>Drainage System</b>	<b>(AF)</b>				<b>Management</b>	
<b>Basin</b>	<b>Jan 2009</b>	<b>Feb 2009</b>	<b>Mar 2009</b>	<b>FY Total</b>	<b>Zone Subtotals</b>	
<b>San Antonio Channel Drainage System</b>						
College Heights	0	0	0	0	MZ-1 3,728 AF	
Upland	5	141	4	271		
Montclair 1, 2, 3 & 4	19	321	13	622		
Brooks	302	228	189	1,483		
Non-replenishment* (MVWD)	(18)	0	(21)	(78)		
<b>West Cucamonga Channel Drainage System</b>						
8th Street	27	338	16	1,134	MZ-2  3,733 AF	
7th Street	8	120	5	296		
Ely 1, 2, & 3	77	408	32	1,481		
Non-replenishment* (GE/Ontario)	0	(10)	(13)	(249)		
<b>Minor Drainage</b>						
Grove	3	213	7	396		
<b>Cucamonga and Deer Creek Channel Drainage Systems</b>						
Turner 1 & 2	29	345	44	1,118		
Turner 3 & 4	10	68	10	308		
Non-replenishment*(SAWCO)	0	0	0	(191)		
<b>Day Creek Channel Drainage System</b>						
Lower Day	4	67	13	165		
<b>Etiwanda Channel Drainage System</b>						
Etiwanda Debris	0	13	3	28		
Victoria	15	95	13	244		
<b>San Sevaine Channel Drainage System</b>						
San Sevaine 1 through 4	10	28	4	91		
San Sevaine 5	6	79	4	134		
<b>West Fontana Channel System</b>						
Hickory	0	86	54	208		
Banana	45	95	0	423		
<b>Declez Channel Drainage System</b>						
RP3 Cells 1, 3, & 4	7	202	45	383	MZ-3  1,617 AF	
RP3 Cell 2	5	71	2	186		
Declez	26	224	51	625		
Subtotals	580	3132	475	9,078		
<b>Recharge Water by Type</b>						
Storm Water w/ Local Runoff	224	3080	293	7,154	79%	
MWD Imported Water	0	0	0	0	0%	
Recycled Water	356	52	182	1,924	21%	
Subtotals (Month)	580	3132	475	9,078	100%	
Subtotals (FY to Date)	5471	8603	9078	FY To Date		

**HUMAN RESOURCES**

71 Level 2 and 3 employees have completed their 96 hours of TEAMS training and have been invited to attend the TEAMS graduation on April 15<sup>th</sup>. In March, Level 1 and 4 employees were scheduled for online training on Managing Multiple Projects and Managing Change. In April, Level 1 employees will attend TEAMS training on Problem Solving and Decision Making, while Level 4 employees will access online courses such as Business Communication.

Effective April 3, 2009, employers are required to use a revised I-9 Form. All employers are required to complete an I-9 Form for all new hires to verify their identity and authorization to work in the United States. The updated form revises the types of acceptable identity and employment authorization documents employers can accept from new hires. As a result of the changes, expired documents are no longer acceptable documents for the purpose of verifying employment eligibility.

The open enrollment period for Delta Dental and Western Dental concluded on March 26<sup>th</sup>. A total of 15 changes were processed. All changes are effective April 1, 2009.

<b><u>CURRENT STAFFING</u></b>	
Regular Full-time Employees:	293
Contract/Limited Term Employees:	16
Interns:	29
<b>TOTAL:</b>	<b>338</b>

**CURRENT RECRUITMENT ACTIVITIES**

Since the last report, the following activities have occurred in the Agency's recruitment efforts:

**REGULAR VACANCIES**

None.

<b><u>CURRENT RECRUITMENT ACTIVITIES</u></b>	
<b>Recruitments in Process/Offer Pending</b>	<b>0</b>
<b>Placement in Process:</b>	<b>0</b>
<b>No RFVP; Position on Hold:</b>	<b>15</b>
<b>Total Regular Vacancies (Excludes Contract &amp; Intern Positions):</b>	<b>15</b>

<b><u>POSITIONS ON HOLD (5% Vacancy Factor)</u></b>			
	<b>Position</b>	<b>Department</b>	<b>Vacant Since</b>
1	Sr. Internal Auditor	107-Internal Audit	3/09
2	Human Resources Analyst	250-Human Resources	10/08

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3	Sr. Water Resources Analyst	312-Planning & Water Resources	7/08
4	Manager of Engineering & Construction Mgmt	420-Engineering	12/08
5	Sr. Engineer	420-Engineering	3/09
6	Engineering Technician	420-Engineering	3/09
7	Deputy Manager of Construction Management	425-Construction Management	8/08
8	Plant Maintenance Superintendent	425-Construction Management	7/08
9	Construction Project Coordinator (Limited Term)	425-Construction Management	2/09
10	Administrative Secretary (Limited Term)	425-Construction Management	12/08
11	Junior Operations Assistant	540-RP1 Operations	3/09
12	Inventory Control Technician	546-Maintenance Planning & Materials Management	4/09
13	Plant Maintenance Technician II	552-RP2/CC Plant Maintenance	10/08
14	Electrical Technician II	553-RP2/CC Electrical/ Instrument Maintenance	12/08
15	Operator I	580-RP2/RP5 Operations	2/09

**CONTRACT/LIMITED TERM VACANCIES**

	Position	Department	RFVP Received	Closing Date	Salary Range	Tentative Placement Date	Notes
1	Business Systems Analyst II	240 – Information Services	7/24/08	8/21/08	UN097	4/09	Offer Pending

**INTERN VACANCIES**

None.

**RECYCLED WATER THREE YEAR BUSINESS PLAN UPDATE**

IEUA has completed and submitted the Site Selection Disbursement Strategy for State approval. Monte Vista Water District and the City of Ontario have approved the reimbursement agreements, IEUA is awaiting final approval the three remaining agreements (Cities of Chino, Upland and CVWD), these agreements are expected to be approved and executed in April, 2009.

The Capital Projects in the Northeast Project Area are at different stages of encroachment permit approvals from different agencies. The funding was approved by SWRCB on March 17, 2009. The projects will be advertised for construction pending encroachment permit

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approvals from various regulatory agencies. Summary of the NE Area RW Regional Facilities is provided below:

Project	Design	Construction Completion	Project Budget	Actual Cost	Status
1299 E Pipeline	Completed	Spring 2010	\$11,169,925	\$398,762	Awaiting Permits
1299 E Reservoir & 1630 E PS	Completed	Spring 2010	\$13,600,000	\$777,988	Ready to Bid
1630 E Pipeline, Segment A	Completed	Spring 2010	\$12,832,555	\$1,273,870	Awaiting Permits
Monitoring Wells & Lysimeters	Completed	Fall 2009	\$1,500,00	\$64,883	Ready to Bid Pending Funds

Following is a summary of the Design Contracts for the NE Area Projects:

Project	Design Contract	Contract Amount	Invoiced Todate
1299 E Pipeline	CVWD	\$299,999	\$98,350.50
1299 E Reservoir & 1630 E PS	CVWD	\$5,700,000	\$319,933.29
1630 E Pipeline, Segment A	RMC	\$1,056,294	\$889,184.82
Monitoring Wells & Lysimeters	Tom Harder	\$139,985	\$16,329

Southern Area:

The Agency requested Stantec to cease all design efforts on the project until an MOU is executed with the City of Chino Hills that outlines future obligations of Agencies towards the Capital Project. A project's BCE is currently being prepared and an internal memo will be addressed to Rich summarizing the BCE prior to drafting the MOU. The MOU is scheduled to be presented as an item during May's Board Meeting.

Project	Design	Construction Completion	Project Budget	Actual Cost	Status
930 W. Pipeline & Reservoir	Preliminary Design Report Completed	Dec 2010	\$20,251,000	\$561,905	On Hold

Following is a summary of the Design Contracts for the Southern Area Projects

Project	Design Contract	Contract Amount	Invoiced To Date	Status
930 W. Reservoir & Pipeline	Stantec	\$1,456,882	\$83,397	Preliminary Design

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Northwest Area:

The Northwest Area Recycled Water Project will primarily build the Regional Recycled Water distribution system in the City of Upland and the western service areas of the CVWD. The capital projects in the Northwest area are in the Preliminary Design Stage by MWH Americas. A draft Preliminary Design Report (PDR) has been submitted and circulated, for review and comments, to the internal staff at IEUA as well as to the City of Upland and CVWD staff. MWH will later be tasked with the final design of the 1630 W Pipeline, Phase 1 and the 1630 W Pump Station. A joint design team of the IEUA/CVWD will conduct the final design efforts for the 1630 W Pipeline Phase 2 and the 1630 W Reservoir. IEUA intends to partner with Upland and CVWD through Memorandum of Understanding (s) prior to authorizing the final design for the NW Area Project. Staff has submitted draft MOU's with both agencies as Informational Items for the March 18, 2009 Board Meeting. Staff anticipates finalizing the agreements in April. Staff is revising the project schedule to incorporate the time required to receive approval from both agencies on MOU's regarding the financial obligations to IEUA, should Upland and CVWD request assistance from IEUA, for the design and construction of the local laterals and on-site retrofits. Summary of the NW Area RW Regional Facilities is provided below:

Project	Design	Construction Completion	Project Budget	Actual Cost	Status
1630 W Reservoir	Dec 2009	Jan 2011	\$8,100,000	\$42,659	Preliminary Design
1630 W Pump Station	Dec 2009	Jan 2011	\$8,500,000	\$24,271	Preliminary Design
1630 W Pipeline, Phase 1	Dec 2009	Jan 2011	\$15,600,000	\$571,787	Preliminary Design
1630 W Pipeline, Phase 2	Dec 2009	Jan 2011	\$4,250,000	\$9,602	Preliminary Design

Following is a summary of the Task Orders associated with the Master Contract for the design services for the NW Area:

<b>Northwest Project Area - \$2,000,000.00 (Task Order 2.0)</b>	
<b>Description</b>	<b>Amount</b>
Task Order 2.1 - Seismic Evaluation Upland Reservoir	\$80,800
Task Order 2.2 Prelim Design Report NW Phase I	\$242,870.00
Total Assigned:	\$323,670
Total Invoiced:	\$163,060.99
Remaining Unassigned:	\$1,676,330

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In addition to the Regional Facilities, MWH Americas was contracted by the Agency in May 2008 to provide Program Management Services for the Recycled Water Program. Following is a summary of the Task Orders associated with the Master Contract:

<b>Program Management - \$2,000,000.00 (Task Order 1.0)</b>	
<b>Description</b>	<b>Amount</b>
Task Order 1.1 - CADD Assistance Service for RW Retrofits	\$49,998
Task Order 1.2- On Call RW Hydraulic Model	\$100,000
Task Order 1.3 - RW Database Assistance	\$146,301
Task Order 1.4 - Construction Management Reorganization Memo	\$53,470
Task Order 1.5 - MWD LRP Application Assistance	\$78,000
Task Order 1.6 - NRWS Philadelphia Pump Station RW Retrofit	\$27,951
TO # 1.7 RW Implementation Program Management (Staff Assistance)	\$105,435
TO # 1.8 - Monitoring Well & Lysimeter Permit for Victoria and San Sevaine	\$21,466
TO # 1.9 - Guasti Park & Temple Inland RW Retrofit	\$64,000
TO # 1.10 Construction Management Augmentation (Resident Engineer)	\$174,000
TO # 1.11 Green Team Engineering Support	\$50,000
TO #1.12 CM Implementation Support	\$188,000
Total Assigned:	\$1,136,724
Total Invoiced:	\$599,976.41
Remaining Unassigned:	\$1,012,816

The following new connections were made through March 2009:

<b>Retail Agency</b>	<b>Customers</b>	<b>AFY</b>
Chino	Brookfield	5
	Monte Vista #3 (2 connections)	10
	Navas Growers	15
CVWD	CPT LLC (2 connections)	18
	Frito Lay	13
Ontario	Customized Distribution	23
	Feed the Children	3
	Ferrari Corp Center	6
	Fire Station #6	2
	CCC-N (4 connections)	14
	Ruth Concours LLC	5
<b>Total</b>		<b>114 AFY</b>

The total potential annual recycled water usage from these customers is 114 AFY. The actual connected capacity has increased to 21,455 AFY.

The following are some of the upcoming priority customers and their current status.

C:\Users\kdoan\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\TAYWFPR6\09151 GM Report 4-15-09.docx

Name	City	Demand (AFY)	Estimated Completion Date
Bellevue Cemetery	Ontario	220	June 2009
Ontario-Montclair School District	Ontario	177	June 2009
Montclair Parks	Montclair	111	June 2009
Chaffey High School	Ontario	164	August 2009
Chad Farms (5 connections)	Ontario	1,605	May 2009
Li Farm	Ontario	2,500	August 2009
Kellogg Farm (Schaefer)	Ontario	120	August 2009
Cintas I	Ontario	120	June 2009
Kaiser Hospital Cooling Tower	Ontario	30	June 2009
Elderberry ES	Ontario	12	June 2009
Guasti Park	Ontario	224	July 2009
John Galvin Park	Ontario	90	June 2009
James Galvin Park	Ontario	15	June 2009
Mariposa ES	Ontario	34	June 2009
Munoz Park	Ontario	32	June 2009
Montclair City Hall	Montclair	5	June 2009
Montclair Hospital	Montclair	10	June 2009
Our Lady of Lourdes School/Church	Montclair	8	June 2009
<b>Total Demand</b>		<b>5477</b>	

### **CONSTRUCTION MANAGEMENT**

#### **REGIONAL PLANT NO. 4 SAN BERNARDINO AVENUE LIFT STATION AND FORCE MAIN, PROJECT NO. EN03023**

South Coast AQMD has verbally advised IEUA and Brutoco Engineering and Construction (BEC) that the revised permit to construct (PTC) for the permanent generator was mailed on March 17. Once received BEC, Bay City Electric, and Doty Bros will implement a plan to start, install, and test the permanent generator system. BEC are continuing completion of punch list items and corrections as field testing is performed. Davis Electric has begun PLC modifications required to complete the communications system between the San Bernardino Lift Station and the Agency's Regional Plant 4. MCC/MIMCON began installation of the fiber optic system between the San Bernardino Lift Station and the Agencies Regional Plant 4. TKE, the consulting engineer, continues preparing a detailed start plan that will complete the coordination efforts to the pump station and force main in service. MCC/MIMCON will be completing and testing the fiber optic system.

#### **RENEWABLE ENERGY EFFICIENCY PROJECT, PROJECT NO. EN03029**

Staff is preparing to place the engines into long term storage under the direction of Johnson Power systems. This will ensure that the engine warranty is maintained for the 5-year period and will thereby provide for increased value to the Agency. The removal of all temporary cables, switches, and high voltage transformers is scheduled for April 4. This will require an outage of the HQ buildings and will be coordinated with appropriate staff. This action will

eliminate the need for the monthly rental of this gear and will place the REEP building into a permanent load status with RP5.

**REGIONAL PLANT NO. 4 EXPANSION TO 14 MGD, PROJECT NO. EN04011.00**

Taisei & TK's subcontractor, Harder & Harper has completed the finish paving demonstration area along Drive H and the CM staff has approved the application and repairs. Performance testing for the aqua disk filters has been completed and the Agency is awaiting performance evaluation of the results from Black & Veatch. The Ferric chemical pumps have been tested and the Agency is also awaiting performance evaluation of the results from Black & Veatch. Harder & Harper is scheduled to complete installation of base material and the paving within the next two weeks.

**REGIONAL PLANT NO. 1 AERATION BASIN MODIFICATIONS, PROJECT NO. EN05007.00**

This work is complete. Construction Management plans on going to the Board of Directors for project acceptance on May 6, 2009.

**CCWRF FILTER TEST, PROJECT NO. EN05061.00**

The testing has been completed, but with mixed results. All rental equipment will remain in place until a determination has been made by the consultant. This may require additional testing to produce a defining result once the current information is analyzed.

**REGIONAL PLANT NO. 1 2007 REGIONAL AND NRW COLLECTION SYSTEM REPAIRS, PROJECT NOS. EN06011.00 & EN07011.02**

Construction Management went to the Board of Directors on February 18, 2009 for the project acceptance. A Notice of Completion was filed with the County on February 23, 2009. A final claim letter on accrued liquidated damages has been prepared for distribution to the Contractor.

**PRADO PARK INTERCEPTOR PROJECT, PROJECT NO. EN06011.01**

All of the existing piping has been replaced with new HDPE pipe through the "bursting" process. This involved the bursting expansion of the existing clay pipe and pulling in of the new plastic pipe. The system will be returned to service by April 10.

**REGIONAL PLANT NO. 5 SOLIDS HANDLING FACILITY IMPROVEMENTS, PHASE I, PROJECT NOS. EN06014/EN07117**

The contractor and engineers have been processing project submittals related to equipment and materials for the project. Soil work associated with the roadway at the SARI Septic Dump Station has been completed. Electrical contractor is preparing to complete the electrical terminations at the SARI Dump Station. The hypochlorite base and walls have been installed. The hypochlorite tank and metering pumps are in place.

**REGIONAL PLANT NO. 5 RECYCLED WATER LINE/ 12 KV/ GAS SYSTEM, PROJECT NO. EN06020.01**

All other construction is currently on hold due to the REEP project stoppage.

**REGIONAL PLANT NO. 5 SOLIDS HANDLING FACILITY, PHASE II, PROJECT NO. EN06020.04**

All construction is currently on hold while the agency conducts an independent evaluation of the mix digestion project and assesses the options for re-operating the digesters and related facilities.

**REGIONAL PLANT NO. 1 ASSET MANAGEMENT ITEMS & DIGESTER 6 & 7 REPAIRS, PROJECT NO. EN07006.01**

The Agency received proposals back for DCL cleaning. CM staff is currently negotiating work with the apparent low bidding contractor. Digester 6 is currently being sandblasted. Structural and crack repairs are currently in progress with the structural engineer monitoring work and making recommendations. Rehabilitation work is expected to be completed by June 2009.

**REGIONAL PLANT NO. 1 ASSET MANAGEMENT ITEMS, PHASE II AND DECHLORINATION STATION UPGRADES, PROJECT NO. EN07006.04**

Work continues on the chlorine tank effluent modification. The chlorine outfall line is currently under construction. Compaction of structure and line are complete. The contractor is preparing a report on headwork's gates and rails for the engineer's review. Engineer will visit the site after submittal to review the contractor's findings. Electrical rerouting of sensors for the filter banks is required to avoid the influent channel as well as installation of an additional breaker for the heat tape on the sodium bisulfate line.

**REGIONAL PLANT NO. 1 DIGESTER 6 & 7 EMERGENCY STRUCTURAL REPAIRS, PROJECT NO. EN07006.07**

Structural rehabilitation assessment work is currently ongoing. An assessment of the extensive outside wall spalling has been reviewed by the engineer and rehabilitation work is currently in progress under the Engineer's review.

**REGIONAL PLANT NO. 1 NON RECLAIMABLE WASTEWATER SYSTEM (NRWS) PHILADELPHIA PUMP STATION UPGRADES, PROJECT NO. EN07011.01**

Additional maintenance items have been identified as follows: 1) A new meter on the back-up 12 force-main; 2) the addition of manhole covers; and 3) rehabilitation of the wet well. This project is scheduled to go to the Board of Directors on May 20, 2009 for project acceptance, pending completion of requested additional Maintenance items.

**REGIONAL PLANT NO. 1 NRW MANHOLES, PROJECT NO. EN07011.06**

A lab evaluation of material build-up on the 18-inch Force Main indicates a non-grease material which will not lend itself to chemical cleaning. As such, Construction Management has asked the engineer to prepare clean-out details at an interval of 1,200 lf to allow mechanical cleaning in the future. This work is pending completion of the Philadelphia Pump Station. This work is expected to progress in June/July 2009.

**REGIONAL PLANT NO. 2 AND 5 IPS OVERFLOW PROTECTION, PROJECT NO. EN08006.00**

Flow diversion walls are installed in the headworks to route the influent. The contractor onsite is completing the asphalt covering and site cleanup prior to moving outside of the facility for the manhole repairs.

**REGIONAL PLANT NO. 1 DIGESTER 5 AND 7 FLAME TRAP INSTALLATION, PROJECT NO. EN08013.01.**

The flame traps have been installed on Digester 5 and Digester 7. An additional cost proposal has been requested by Construction Management to complete insulation of the flame traps.

**REGIONAL PLANT NO. 1 DIGESTER 3 ROOF REHABILITATION, PROJECT NO. EN08024.00**

Bonds and insurance have been accepted and a kick-off meeting was held on March 17, 2009. Construction Management staff is currently reviewing the contractor's schedule.

**REGIONAL PLANT NO. 1 ODOR CONTROL, PHASE 1B AND SOLIDS BYPASS, PROJECT NO. PL03006.00**

Punch list items are currently being completed. Additional work to address the bio-filter drainage issues is being assessed. Additional items found by Operations to meet operational and access issues will be addressed in the next fiscal year. Construction Management plans to close out this project in May 2009.

**REGIONAL PLANT NO. 4 CHINO BASIN FACILITIES IMPROVEMENTS PHASE II – BERM HARDENING, PROJECT NO. TS07004.02**

This project is complete and is scheduled to go to the Board of Directors in May 2009 for project acceptance.

**REGIONAL PLANT NO. 1 CHINO BASIN FACILITIES IMPROVEMENTS, PHASE II –PKG-C (TURNOUT SERVICE PIPELINE CONNECTIONS & SCADA IMPROVEMENT), PROJECT NO. TS07004.03**

The Contractor is currently working on installation of MWD CB-14 and 20. This work is being coordinated with MWD with all remaining Flood Control work being coordinated through the County. Currently, with the addition of telemetry and relocation of pedestals at San Sevaine Basin, work is estimated to be completed by August with environmental restoration being completed by December. Construction Management is continuing to coordinate with the City of Upland on AC work in residential neighborhoods or in City streets. Staff is working with the contractor and the engineer to meet the design intent for access. A start-up plan is also being prepared for project start-up.

**REGIONAL PLANT NO. 4 RECYCLED WATER PUMP STATIONS, PROJECT NO. WR04441**

The Contractor is continuing with the installation of the sodium hypochlorite feed pumps for the 1158 zone recycled water line distribution. Calibration and tuning of parameters of the loop systems is ongoing with pump compliance of flow monitoring, leak detection, and accuracy. The site restoration has also begun with the contractor performing over excavation

for all area's that have been disturbed for underground installation by removal of the structural section of two feet below finish grade and re-compaction of these sub grade areas.

**REGIONAL PLANT NO. 4 SAN ANTONIO RECYCLED WATER PIPELINE SEG B,  
PROJECT NO. WR04446.00**

The Contractor has completed all contract work to date. The contractor is correcting asphalt failures along 4<sup>th</sup> Street under warranty repairs as well as replacing a traffic interconnect cable at the request of the City of Montclair. Both items were completed by April 10, 2009. IEUA is working with the contractor to finalize the project close out deliverables.

**PUBLIC INFORMATION**

**Calendar of Events**

**April 2009**

- **April 22**, Earth Day at the Chino Creek Wetlands and Educational Park, 3:30 p.m. to 6:30 p.m.
- **April 27 – 30**, BioCycle International Conference 2009, San Diego.

**May 2009**

- **May 1-3**, Inland Green Expo, Ontario Convention Center.
- **May 8**, IERCF Dedication, 10:00 a.m.
- **May 9**, CVWD's Water Awareness Day, 11:00 a.m. to 2:00 p.m. at CVWD.
- **May 22**, Cucamonga Valley Water District Open House for Water Awareness Day, 11:00 a.m. to 2:00 p.m.

**August 2008**

- **August 20**, BIA, San Bernardino Water Conference, Ontario Convention Center.

**Outreach/Educational Inland Valley Daily Bulletin Newspaper Campaign**

The 5 tips on ways to help conserve water ad will appear in the Daily Bulletin on the first Sunday of each month. The Civic Leadership two-page advertisement ran on Friday, March 27.

**Water Conservation Outreach**

IEUA is continuing to work with conservation partners to plan the Regional Conservation message. The new slogan is *Saving Water...It's the Right Thing to do.*

**Agency Tours**

During the month of March, staff provided a number of tours of the HQ, RP-5, and RP-5 SHF (USDA Biomass workshop toured the SHF).