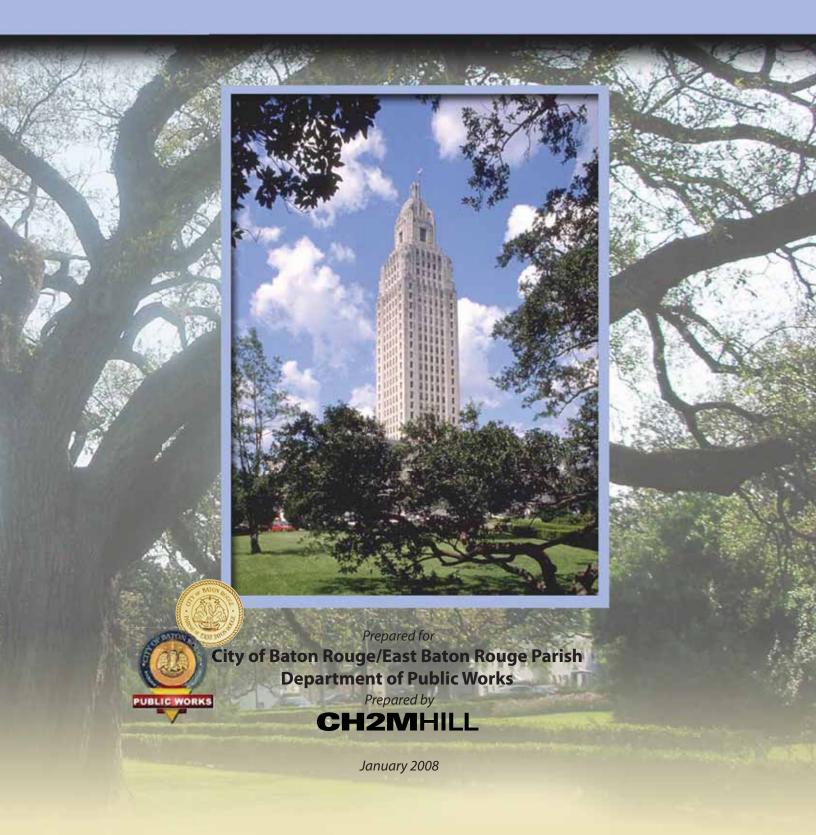
Progress Report



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The SSO Program Strategy

(goals, component projects, budget, schedule and CIP) is developed within 150 days of NTP.

Execution of the Program

meets and exceeds the expectations of the stakeholders with reference to quality, adherence to budget and schedule, and with minimum possible disruption to the public. The SSO elimination goal is achieved within the Consent Decree deadline of 2014.

The Program is cost-effective

and affordable and rate increases are minimized.

The Program Management Team

functions as a true partner with Department of Public Works (DPW) and City Parish (C-P). Program implementation is through a true teaming arrangement between the C-P and the Program Manager and ensures that the C-P staff is well trained on all systems and processes developed for the implementation of the Program.

DPW staff remains engaged

in various aspects of the Program.

The PCS is set up to provide

a public-access web-site to provide accurate and timely information on Program progress.

The Program has a strong community outreach

and public awareness component to ensure that the public understands and supports the program; complaints or calls to public officials are minimal; public concerns are effectively addressed throughout the process; Immediate Action Projects are executed early and success is publicized.

A standard set of plans and specifications

are generated through the Program for future use by DPW.

Design of Treatment Plants, Pump Stations and other components

is based on stable, easy-to-operate and sustainable systems and as far as possible components are standardized to facilitate training of operators.

Develop RMAP2 Project list

as well as a fully functioning model by end of January 2007.

Program Management

Program Management

News

- Program Delivery Plan is in final form and on the BTRSSO web site
- Metro Council presentation on January 9, 2009.
- Project Delivery of the first eleven projects listed in the table to the right are ongoing.
- New permanent program office is located at 700 Main Street, Suite 400 in the downtown area.
- Department of Public Works (DPW) requested appropriation of \$129,210,100 for 15 projects to be started in 2008.

- Web Sites Updates continuous.
- Quarterly and Annual report to USEPA and LDEQ.
- RMAP2 report to USEPA based on Program Delivery Plan.
- Consultant selection for 2008 projects.
- Physical Inspection of Oak Villa area for rehabilitation.
- Design work for three rehabilitation projects.
- Complete Standard Specifications.
- Design 19 Capacity Projects in 2008.
- Deliver North Odor Project in 2008.
- Develop Public Relations and Involvement Plan.
- Weekly Progress Tracking.
- Invoice System deployment.

Program Manager	Jim Hawley, P.E.
Program Contact Information	CH2M HILL
	700 Main Street Suite 400
	Baton Rouge, LA 70802
	225-381-8454

SSO Project Delivery Plan Design Phase 2
Supervisory Control and Data Acquisition Phase 2
Collection System Rehabilitation Phase 2
HWY 61 Force Main Upgrade Phase 2
AP- South Waste Water Treatment Plant
Effluent Pump Station Phase 2
Primary Treatment Improvement Phase 2
Screening Improvement Phase 2
Sludge Handling Phase 2
Trickling Filter Improvement Phase 2
ndustriplex Upgrade Phase 2
(leinpeter Area Upgrade Phase 2
Pump Station 136 Phase 2
Capacity Improvement #1 Phase 2
Odor Control

SSO Program Delivery Plan

Sanitary Sewer Overflow Planning

News

- The Program Delivery Plan is in progress. The Parish sewer collection system has been divided into 10 basins for focused analysis and development of projects.
- All ten of the basins have been completed and endorsed by the Department of Public Works (DPW).
- A draft Program Delivery Plan has been submitted for DPW review and comment.

- Coordinate and incorporate DPW comments recieved on the draft Program Delivery Plan.
- Prepare and submit the final Delivery Plan.

Project Number	NA
Project Name	SSO PDP
Project Description	The Sanitary Sewer Overflow (SSO) Program Delivery Plan outlines the projects to be completed to eliminate sewer overflows throughout the Parish. The Program Delivery Plan contains a description of each project, along with it's completion schedule and budget.
Project Manager	Lee Davis, P.E Deputy Program Manager
Project Start Date	January 2007
Estimated Project End Date	January 2008



		U9	20			80	20			07	20			06	20		
	3 Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	
Project 1/07 1/08								/08	1,			1/07					Project

Master Planning

Master Planning

News

WWTP Condition Assessment

- Internal review for the Condition Assessment Report and the Future Regulatory Requirements Analysis.
- Met with the responsible engineer to discuss major review comments.
- Ensured that all major review comments are adjudicated and their resolution is documented and implemented.

Establish Historical and Projected Flow and Pollutant Loading Peaking Factors

Currently working on historical flow and load peaking factors.

- Evaluate and summarize data collected during condition assessments of the Waste Water Treatment Plants (WWTP).
- Continue working on historical flow and load peaking factors.

Project Number	DPWSS0-0002
Project Name	Master Plan
Project Description	Develop the wastewater collection, conveyance, and treatment master plan for the City of Baton Rouge/Parish of East Baton Rouge Department of Public Works (DPW), Baton Rouge, Louisiana.
Project Manager	Rodolfo Valladares
Project Start Date	May 2007
Estimated Project End Date	April 2008



5/07 4/08			20	06			20	07			20	80			20	09	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	Project						5/0	7			4/08	8					

Collection System Rehabilitation

Sewer Rehabilitation Jefferson Highway/Hoo Shoo Too Area

News

- Field inspection has been completed.
- Area characterization report has been completed.
- Survey is in progress and will be finished by the beginning of February 2008.

Planned Activities

Begin surveying and preliminary design.



Project Number	DPWSS0-0033
Project Name	Sewer Rehabilitation- Jefferson Highway/Hoo Shoo Too Area
Project Description	The project includes the rehabilitation of the gravity collection system in the Jefferson Highway/Hoo Shoo Too area using a mixture of pipe lining technologies and replacement of selected pipe.
Design Project Manager	Jason Crain, P.E.
Project Start Date	August 2007
Estimated Project End Date	October 2008



		20	07			20	08			20	09	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Project			8/	07			10/	08				

Collection System Rehabilitation

Sewer Rehabilitation Burbank/Gardere

News

- Field inspection was initiated in December 2007.
- Contractor will finalize data submittal in March 2008.
- Project boundries will be finalized in early January 2008.

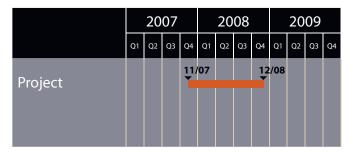
Planned Activities

Field inspection data review is ongoing.



Project Number	DPWSS0-0037
Project Name	Sewer Rehabilitation- Burbank/Gardere
Project Description	The project includes the rehabilitation of the gravity collection system in the Burbank/Gardere area in South Baton Rouge. The project will include both repair and replacement of some pipe within the project area.
Design Project Manager	Jason Crain, P.E .
Project Start Date	November 2007
Estimated Project End Date	December 2008





SCADA Master Plan

SCADA Master Plan

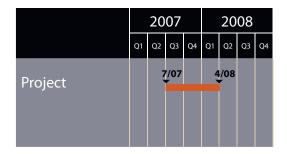
News

■ Working with City-Parish to identify scope and applicability of the future WiFi network for SCADA.

- Finalizing SCADA system master network diagram.
- Defining scope of work to resume replacement of controls at 37 pump stations.
- Preparing SCADA Master Plan describing system needs and functional requirements.

Project Number	DPWSS0-0004
Project Name	SCADA Master Plan
Project Description	Develop a plan for system-wide integration of process monitoring and control of collection systems and treatment plants. The plan will assess integration with the existing pump station SCADA project and recommend the completion or elimination of that work.
Project Manager	Jennifer Baldwin, Ph.D., P.E.
Project Start Date	July 2007
Estimated Project End Date	Projected First Quarter 2008





RMAP1-Industriplex Area Upgrades

News

Design consultant has completed plans; however the Department of Public Works (DPW) and the program team have revised several relevant standards that need to be incorporated into the plan.

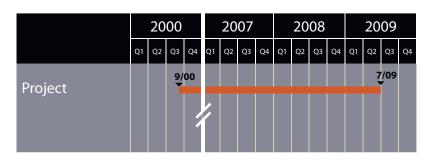
- The design consultant to incorporate new City-Parish standards into construction plans and bid documents.
- Department of Public Works (DPW) and program team will address required permits and construction services.
- Projected Bid Opening Date February 2008.



Project Number	DPWSS0-0008
Project Name	RMAP1- Industriplex Area Upgrades
Project Description	The Industriplex Area Waste Water Upgrade Project is located in the Seigen Lane/Industriplex Boulevard area. The project plan includes demolition of six pump stations: PS252, PS287, PS331, PS332, PS355 and PS389. A new gravity system will be constructed routing the sewer flow from the six demolished pump stations to one new centralized pump station near PS332, on Exchequer Drive between Little Cayman and Merchant Drive. A new 16-inch force main will discharge from the new station to an existing 42-inch force main east of Pecue Lane. This project will reduce pump station operation and maintenance costs and reduce any possible odor issues associated with the existing pump stations.
Design Project Manager	Jason Crain, P.E.
Design Consultant	Chad Bacas, P.E., Forte & Tablada
Project Start Date	September 2000
Estimated Project End Date	July 2009

Budget Allocated to Date	
Engineering Cost	\$550,738
Services During Construction	\$85,858
Construction	\$7,954,724
Physical Inspection	\$4,140
Miscellaneous	\$5,000
Contingency	\$305,469
ROW Acquisition	\$238,545
Total	\$9,144,474



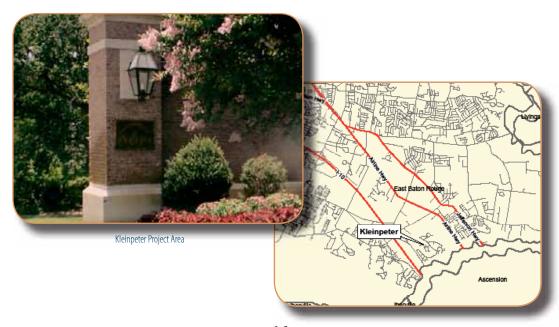


RMAP1-Kleinpeter Area Upgrades

News

- Design issues at Pump Station 382 under Phase I were resolved. A contract supplement was drafted and approved to incorporate these changes and complete the plans.
- A contract supplement was drafted and approved for engineering services of the Phase II work.

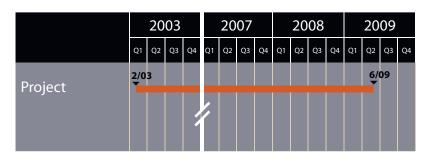
- Department of Public Works (DPW) to issue Notice to Proceed on Phase I changes.
- Design consultant to complete construction plans and bid documents for Phase I.
- Coordination with Baton Rouge Recreation (BREC) for required sanitary sewer servitude.
- Projected Bid Opening Date May 2008.



Project Number	DPWSSO-0009
Project Name	RMAP1- Kleinpeter Area Upgrades
Project Description	The Kleinpeter Area Waste Water Upgrade Project is located in the Santa Maria/Country Club of Louisiana area near Interstate 10 and Highland Road. The project consists of capacity upgrades to the following pump stations: PS343, PS344, and PS382. Also included in the project is the construction of approximately 2,000 linear feet of new 8-inch and 2,000 linear feet of new 10-inch sanitary sewer force main associated with the PS382 upgrade.
Design Project Manager	Jason Crain, P.E.
Design Consultant	Bill Monroe, P.E., Monroe & Corie
Project Start Date	February 2003
Estimated Project End Date	June 2009

Budget Allocated to Date	
Engineering Cost	\$113,865
Services During Construction	\$52,891
Construction	\$1,635,139
Miscellaneous	\$2,000
Total	\$1,803,895





RMAP1-Pump Station 136 Area Upgrades

News

- Department of Public Works (DPW) and program team have reviewed and agreed to the proposed plan modifications.
- A contract supplement was drafted and approved for engineering services required to complete the plan modifications.
- Cost saving modifications were made possible by the change in direction of the East Baton Rouge Sewer Sanitation Overflow Program.

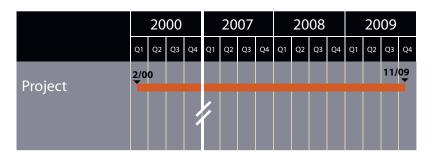
- Department of Publics Works (DPW) to issue Notice to Proceed on plan modifications.
- The design consultant to begin modifications to construction plans and bid documents and address permitting requirements.
- Department of Public Works (DPW) and program team will resolve remaining property acquisitions.
- Projected Design Completion Date May 2008.



Project Number	DPWSS0-0010
Project Name	RMAP1- PS 136 Area Upgrades
Project Description	The Pump Station 136 Area Waste Water Upgrade Project is located in the Lake Sherwood Acres area. The project plan currently includes demolition of nine existing pump stations: PS143, PS216, PS270, PS136, PS168, PS328, PS217, PS134, and PS135 and 27,700 linear feet of associated 4-24 inch forcemains. A new gravity system will be constructed routing sewer flow from the nine demolished pump stations to one new centralized 4.5 million gallon per day pump station located in the Gulf States Utility (GSU) right-of-way at Tollway Drive. The new gravity system includes construction of approximately 10,300 linear feet of 10-12 inch gravity sewer, approximately 6,000 linear feet of 15-18 inch gravity sewer, and approximately 4,400 linear feet of 24-36 inch gravity sewer. The project is intended to reduce pump station operation and maintenance costs and eliminate possible odor issues associated with existing pump stations.
Design Project Manager	Jason Crain, P.E.
Design Consultant	Greg Sepeda, P.E., Sigma Consulting Group
Project Start Date	February 2000
Estimated Project End Date	November 2009

Budget Allocated to Date	
Engineering Cost	\$514,245
Services During Construction	\$238,848
Construction	\$7,486,899
Miscellaneous	\$4,500
Contingency	\$159,555
ROW Acquisition	\$122,000
Total	\$8,526,047





Highway 61 Force Main

News

- SJB/Owen & White currently working on Alternatives Analysis to evaluate future waste water infrastructure needs for the North Service Area.
- CH2M HILL provided SJB/Owen & White flow projections from the Zachary/ Baker area to be used in the Alternatives Analysis.
- CH2M HILL provided SJB/Owen & White information on Red Mud Lakes to evaluate as a potential storage site for wet weather flows.
- SJB/Owen & White submitted Alternatives Analysis to review in January 2008.

- Alternatives Analysis will be reviewed by Department of Public Works (DPW) and CH2M HILL.
- Finalize Alternatives Analysis.
- Negotiate the detailed design fee for the approved alternative.



Project Number	DPWSSO-0016
Project Name	Highway 61 Force Main
Project Description	The goal of the Highway 61 Force Main Project is to proactively plan infrastructure for growth in the Northern Service Area and reduce proliferation of small treatment plants. The project includes 16,000 linear feet of 24-inch force main along Highway 61 from Old Ralph Mayer Road to Mills Avenue.
Design Project Manager	Michael Ellis, P.E.
Project Start Date	July 2007
Estimated Project End Date	February 2008 - Final Alternative Analysis

Budget Allocated to Date	
Engineering Cost	\$710,000
Total	\$710,000



		20	07			20	08			20	09	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Project		7	/07		2/0	8						

South Wastewater Treatment Plant Effluent Pump Station Stabilization

News

- Piezometers installed on December 3, 2007.
- Conducting groundwater monitoring and soil sampling/testing.

Planned Activities

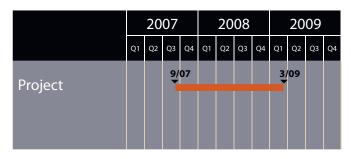
■ URS working on draft evaluation report - to be submitted first quarter 2008.



Project Number	DPWSSO-0014
Project Name	SWWTP Effluent Pump Station Stabilization
Project Description	The project includes the investigation, engineering, and construction services for effluent pump station improvements at the South Waste Water Treatment Plant. Ground settlements have caused wiring, piping and pump operational problems in the effluent pump station. Improvements are intended to improve operational reliability of the pump station.
Design Project Manager	Michael Ellis, P.E.
Design Consultant	Ken Thomas, P.E., URS Corporation
Project Start Date	September 2007
Estimated Project End Date	March 2009

Budget Allocated to Date	
Engineering Cost	\$75,000
Construction	\$500,000
Miscellaneous	\$5,000
Contingency	\$20,000
Total	\$600,000





South Wastewater Treatment Plant Primary Treatment Improvements

News

- Final Design Phase fee proposal reviewed by CH2M HILL and recommendations for award presented to Department of Public Works (DPW) on December 18, 2007.
- Final Design Phase fee proposal reviewed and approved by DPW.
- Draft contract amendment prepared by DPW and reviewed by CH2M HILL.

- CDM Contract Amendment to be approved by City Council.
- Begin final design.



Project Number	DPWSS0-0012
Project Name	SWWTP Primary Treatment Improvements
Project Description	The purpose of this project is to improve primary treatment at the South Wastewater Treatment Plant by utilizing chemically enhanced primary treatment to reduce loadings to the trickling filter process. Improvements will also include the repair and/or replacement of clarifier mechanisms and components, replacement of existing sludge pumps, and the replacement of inlet plug valves on clarifiers 1,2,3,and 4. The project will provide for flow control/flow measurement improvements at multiple splitter boxes on the gravity side of the plant by installing weir gate electric actuators and level elements for flow measurement. The project will connect the actuators and level elements to the plant SCADA system to allow monitoring and control of the flow splits to provide remote control capabilities.
Design Project Manager	Stephen Bianchetta, P.E.
Design Consultant	Kenny Ferachi, P.E., CDM
Project Start Date	July 2007
Estimated Project End Date	July 2009

Budget Allocated to Date	
Engineering Cost	\$150,000
Construction	\$1,500,000
Miscellaneous	\$10,000
Contingency	\$140,000
Total	\$1,800,000



	2007			2008				2009				
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Project		7	//07							7	/09	

South Wastewater Treatment Plant Screening Improvements

News

Revised Preliminary Design Report submitted on January 3, 2008.

Planned Activities

60% design due - Design consultant behind schedule and will submit in January 2008.



Project Number	DPWSS0-0011
Project Name	SWWTP Screening Improvements
Project Description	The project consists of screening improvements to the gravity side of the South Waste Water Treatment Plant. The existing bar screens on the gravity side of the plant are frequently out of service due to mechanical failure. Out of service bar screens result in reduced preliminary treatment and allows rags and other large material to accumulate in downstream treatment facilities, such as primary settling tanks, leading to process mechanical equipment failure in the downstream processes.
Design Project Manager	Stephen Bianchetta, P.E.
Design Consultant	Robert Isemann, P.E., Aillet, Fenner, Jolly & McCelland (AFJM)
Start Date	July 2007
Estimated Project End Date	May 2009

Budget Allocated to Date	
Engineering Cost	\$80,000
Construction	\$800,000
Miscellaneous	\$10,000
Contingency	\$70,000
Total	\$960,000



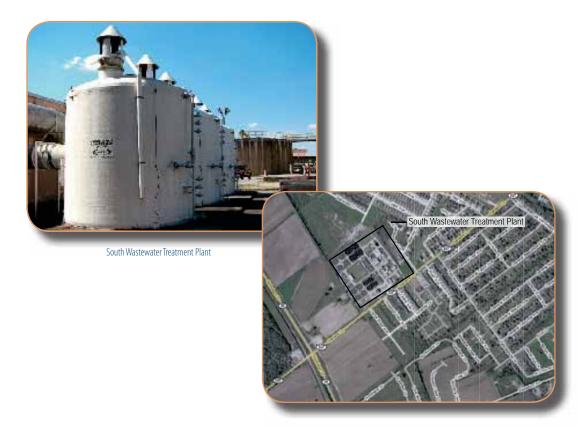
	2007			2008				2009				
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Project			7/07	7						5/0	9	

South Wastewater Treatment Plant Sludge Handling Improvements

News

CH2M HILL submitted review comments for Preliminary Design Report on December 27, 2007.

- Preliminary Design review meeting to be conducted.
- URS to submit detailed design proposal for negotiation and approval.



Project Number	DPWSSO-0015
Project Name	SWWTP Sludge Handling Improvements
Project Description	The project involves engineering, testing, and construction services for sludge handling improvements at the South Wastewater Treatment Plant. The recommended improvements for the sludge handling process include: replace gravity thickener mechanisms, rehabilitate sludge pump station, improve site grading in gravity thickener complex, improve thickener overflow capabilities, snail shell screening improvements, final settling tank sludge withdrawal improvements, and belt filter press filtrate line improvements.
Design Project Manager	Stephen Bianchetta, P.E.
Design Consultant	Ken Thomas, P.E., URS
Start Date	September 2007
Estimated Project End Date	August 2009

Budget Allocated to Date	
Engineering Cost	\$180,000
Construction	\$1,800,000
Miscellaneous	\$10,000
Contingency	\$170,000
Total	\$2,160,000



	2007			2008				2009				
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Project			9/	07							8/0	9

South Wastewater Treatment Plant Trickling Filter Improvements

News

- Preliminary Design Report review comments submitted on December 11, 2007
- Preliminary Design review meeting conducted on December 13, 2007.
- Preliminary Design review comment responses provided on December 21, 2007.

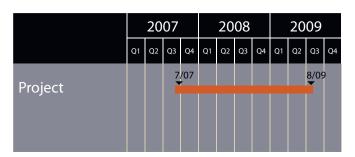
- Review meeting planned to discuss comment responses.
- After acceptance of preliminary design and notice to proceed is issued, 60% design will begin.



Project Number	DPWSS0-0013
Project Name	SWWTP Trickling Filter Improvements
Project Description	The project includes construction of a new recirculation pump station to maintain proper wetting rates on the trickling filters. The new recirculation pumping station will require a flow rate between 20 to 100 million gallons per day (mgd). In addition to the new recirculation pump station, hydraulic and process improvements require that the two final settling tank complexes be interconnected with piping. The interconnection of the settling tank complexes allows for reception of trickling filter effluent from both the gravity and the force main sides of the plant.
Design Project Manager	Stephen Bianchetta, P.E.
Design Consultant	Ray Rials, P.E., MWH
Project Start Date	July 2007
Estimated Project End Date	August 2009

Budget Allocated to Date	
Engineering Cost	\$600,000
Construction	\$4,500,000
Miscellaneous	\$20,000
Contingency	\$280,000
Total	\$5,400,000





8/09

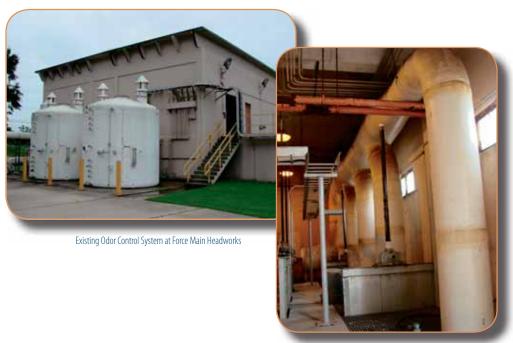
Treatment Plants - North Odor Control

News

- The contract for existing services to design installation of the biotowers has been awarded. Environmental Engineering Services (EES) was given a Notice to Proceed the week of November 16, 2007.
- The program team has prepared equipment procurement packages for the odor control equipment to be installed at the North Plant and the pump station locations upstream of the plant. These packages have been delivered to Department of Public Works (DPW) and under review.
- These items will be advertised for bids in March 2008.

Planned Activities

CH2M HILL will address any comments from DPW's review of the equipment procurement packages. Once the revisions are complete the equipment procurement packages will be advertised for bid.



Project Number	DPWSS0-0020
Project Name	Treatment Plants- North Odor Control
Project Description	The North Plant Odor Control Improvements project consists of a two phase approach to address the odor problems at the plant. The liquid dosing equipment phase of the project will consist of installing equipment at five pump station locations (PS43, PS52, PS371, PS430 and PS509). This system will address odor problems in the collection system and will result in a reduction in odor at the receiving treatment plant. The feed systems will consist of a storage tank and control system.
	The second phase of the project consists of installing a biotower odor control system at the North Waste Water Plant. The biotower odor control equipment consists of a biotower system, odor control blower fan, and control panel. Odorous air will be captured in the gravity main headworks and force main headworks and will travel through the biotower which contains a foam style media. The media provides surface area for biological growth of the organisms that will consume the hydrogen sulfide odors and reduce odors.
Design Project Manager	Matthew Johnson
Design Consultant	Environmental Engineering Services, Inc.
Project Start Date	July 2007
Estimated Project End Date	August 2008

Budget Allocated to Date	
Engineering Cost	\$100,610
Construction	\$2,280,000
Miscellaneous	\$10,000
Contingency	\$466,120
Total	\$2,856,730



