



**METRO TAC AGENDA
(Technical Advisory Committee to Metro JPA)**

TO: Metro TAC Representatives and Metro Commissioners
DATE: Wednesday, June 16, 2010
TIME: 11:00 a.m. to 1:30 p.m.
LOCATION: MWWD, 9192 Topaz Way, (MOCII Auditorium) – Lunch will be provided

****PLEASE DISTRIBUTE THIS NOTICE TO METRO COMMISSIONERS AND METRO TAC REPRESENTATIVES****

1. Review and Approve MetroTAC Action Minutes for the Meeting of [May 19, 2010](#) (**Attachment**)
2. Metro Commission/JPA Board Meeting Recap (Standing Item)
3. Financial Update (Karyn Keese)
4. Strategic Plan Update (Tom Crane)
5. Contract for Sodium Hypochlorite for the WWTD Facilities (Pam Galan) (**Attachment**)
6. City of San Diego's BCE of Biosolids Disposal Alternatives (Chris McKinney)
7. Contract for MBC Additional Biosolids Storage Silos. (Idalmiro da Rosa)
8. Metro Wastewater Update
9. Update on Pt. Loma Waiver Process
10. Allocation of Capacity in Southbay WRP (Standing Item)
11. MetroTAC Work Plan (Standing Item) (**Attachment**)
12. Transportation Agreement (Standing Item)
13. Review of Items to be Brought Forward to the Metro Commission/Metro JPA Meeting of [July 1, 2010](#)
14. Other Business of Metro TAC
15. Adjournment ([To the next Regular Meeting, July 21, 2010](#))

Metro TAC 2010 Meeting Schedule

January 20	May 19	September 15
February 17	June 16	October 20
March 17	July 21	November 17
April 21	August 18	December 15

AGENDA ITEM 1

Attachment



Metro TAC
(Technical Advisory Committee to Metro JPA)

ACTION MINUTES

DATE OF MEETING: May 19, 2010
TIME: 11 AM
LOCATION: MWWD, MOC II, Auditorium

MEETING ATTENDANCE:

Iracsema Quilantan, Chula Vista	Kristen Crane, Poway
Scott Huth, Chair, Coronado	Tom Howard, Poway
Dan Brogadir, County of San Diego	Amer Barhoumi, City of San Diego
David Scherer, Del Mar	Tom Crane, City of San Diego
Dennis Davies, El Cajon	Edgar Patino, City of San Diego
Greg Humora, La Mesa	Lee Ann Jones-Santos, City of San Diego
Joe Smith, National City	Peggy Merino, City of San Diego
Rita Bell, Otay Water District	Steve Meyer, City of San Diego
Neal Brown, Padre Dam MWD	Jamie Richards, City of San Diego
Augie Caires, Padre Dam MWD	Ann Sasaki, City of San Diego
Al Lau, Padre Dam MWD	Karyn Keese, PBS&J
Augie Scalzitti, Padre Dam MWD	Dean Gipson, PBS&J
Doug Wilson, Padre Dam MWD	

- 1. Review and Approve Metro TAC Action Minutes for the Meeting of April 21, 2010**
 - The Minutes were approved
- 2. Metro Commission/JPA Board Meeting Recap**
 - No comments
- 3. Financial Update**
 - Karyn Keese passed out FY2011 Estimated Unit Costs. Give comments back to the City of San Diego before the end of May 2010 since these numbers will be used to estimate the quarterly billings in FY2011
 - Refund checks (and invoices) for FY07 and FY08 have been mailed
 - Billing formulas are being reviewed by PAs and the City of San Diego
- 4. PBS&J FY11 As Needed Financial & Engineering Services Contract**
 - Karyn reviewed FY2011 work tasks
 - Annual budget to remain the same, as are rates

RECOMMENDATION: ***Present PBS&J FY2011 Contract to JPA for approval***

5. Review and Approval of Metro Wastewater JPA FY2011 Operating Budget

- Doug handed out the Metro JPA FY2011 budget estimate and talked through the items

RECOMMENDATION: ***Present FY2011 Draft Budget to JPA for approval with slight variance due to adjustments to flows by PAs***

6. Review and Acceptance of 2008 Exhibit E Audit

- Karyn reviewed the results of the 2008 Exhibit E Audit
- Changes to the memo should clarify the changes as benefitting the PAs and those benefitting the City of San Diego; this audit indicates a net benefit to the PAs of about \$340,000 for FY2008
- City of San Diego responds to management with corrective action to avoid errors in future years
- The goal of the audit is to find no mistakes in the exhibits

RECOMMENDATION: ***Present FY2008 Exhibit E Audit to Metro JPA with the clarifications to the memo***

7. Revisions to Wastewater Bid to Goal Program

- Goals must be: (a) Challenging; (b) Quantifiable; (c) Relevant; and (d) Auditable
- Meet & Confer completed on 5/10/10; IROC voted support of documents on 5/17/10
- A consultant is evaluating the FY2011 goals and benchmarking to industry standards
- MetroTAC requested to do a peer review of the goals

ACTION: ***Tom Crane to prepare a succinct memorandum describing what the JPA is being asked to support.***

ACTION: ***Tom Crane to arrange for the peer review with MetroTAC members.***

RECOMMENDATION: ***MetroTAC supports the Bid to Goal program with the condition that the MetroTAC members perform a peer review of the goals and the City provides a memorandum summarizing what the Metro JPA is to support***

8. Recycled Water Master Plan Draft TM #3, Framework Planning

- All were reminded that comments are due to Dean Gipson by the end of the day; Dean will collate and give to the City of San Diego on Thursday. (*UPDATE:*

comments provided to City on Friday 5/21/2010)

9. Metro Wastewater Update

- Final Wastewater budget went to City Council on May 18, 2010
- Police Department will start allowing unwanted prescription medications to be dropped off at certain locations

10. Update on the Point Loma Waiver Process

- No new updates

11. Allocation of Capacity in Southbay WRP

- The Mayoral Action is routing for approvals; City anticipates approval within 2 weeks

12. MetroTAC Work Plan

- SCAP is following AB2256, which is addressing flushable items
- Poway may soon require a sewer lateral video inspection for permits pulled for remodels and for sale of homes
- Neal Brown is still participating in the Regional Water Management Program
- The Work Plan has been updated including noting which items are completed; the completed items will roll off on the next update of the work plan

ACTION: *PBS&J to assist in drafting a letter of support for AB2256 to present to Metro JPA.*

13. Transportation Agreement

- No new updates

14. Review of Items to be Brought Forward to the Metro Commission/Metro JPA Meeting of June 3, 2010

- Wastewater Bid to Goal presentation
- City of San Diego Wastewater Budget for FY2011 presentation
- Review and Acceptance of 2008 Exhibit E Audit
- Request for approval to prepare a letter in support of AB2256

15. Other Business of Metro TAC

- County Sheriff starts a program to accept unwanted prescription medications to be dropped off at some county sheriff offices
- Chula Vista Police Department has begun a similar program

- Plan on discussing the Strategic Plan for FY11 at our June TAC meeting

16. Adjournment

**MetroTAC
 Participating Agencies Selection Panel Rotation**

Agency	Representative	Selection Panel	Date Assigned
Padre Dam	Neal Brown	IRWMP – Props 50 & 84 Funds	2006
El Cajon	Dennis Davies	Old Rose Canyon Trunk Sewer Relocation	9/12/2007
La Mesa	Greg Humora	As-Needed Piping and Mechanical	11/2007
National City	Joe Smith	MBC Additional Storage Silos	02/2008
Otay Water District	Rod Posada	As-Needed Biological Services 2009-2011	02/2008
Poway	Tom Howard	Feasibility Study for Bond Offerings	02/2008
County of San Diego	Dan Brogadir	Strategic Business Plan Updates	02/2008
Coronado	Scott Huth	Strategic Business Plan Updates	09/2008
Coronado	Scott Huth	As-needed Financial, HR, Training	09/2008
PBS&J	Karyn Keese	As-needed Financial, Alternate HR, Training	09/2008
Otay Water District	Rod Posada	Interviews for Bulkhead Project at the PLWTP	01/2009
Del Mar	David Scherer	Biosolids Project	2009
Padre Dam	Neal Brown	Regional Advisory Committee	On-going
County of San Diego	Dan Brogadir	Large Dia. Pipeline Inspection/Assessment	10/2009
Chula Vista	Roberto Yano	Sewer Flow Monitoring Renewal Contract	12/2009
La Mesa	Greg Humora	Sewer Flow Monitoring Renewal Contract	12/2009
Poway	Tom Howard	Fire Alarm Panels Contract	12/2009
El Cajon	Dennis Davies	MBC Water System Improvements D/B	01/2010
Lemon Grove	Patrick Lund		
National City	Joe Smith		
Coronado	Scott Huth		
Otay Water District	Rod Posada		
Del Mar	David Scherer		
Padre Dam	Neal Brown		
County of San Diego	Dan Brogadir		
Chula Vista	Roberto Yano		
La Mesa	Greg Humora		
Poway	Tom Howard		
El Cajon	Dennis Davies		

TABLE A

CITY OF SAN DIEGO - METROPOLITAN WASTEWATER DEPARTMENT
 FISCAL YEAR 2011 ESTIMATED UNIT COSTS
 FUNCTIONAL-DESIGN COST ALLOCATION METHOD

TREATMENT PARAMETER	FY 2011 BUDGET	UNITS	COST PER UNIT
WASTEWATER FLOW	AMOUNT \$94,150,936	67,160 (a)	\$1,401.89 /per Million Gallons
SUSPENDED SOLIDS	\$50,455,388	147,825 (b)	\$341.32 /per Thousand Pounds
CHEMICAL OXYGEN DEMAND	\$45,257,070	301,125 (c)	\$150.29 /per Thousand Pounds
TOTAL	\$189,863,394		
	%		
	49.6%		
	26.6%		
	23.8%		
	100%		

(a) Units of Flow - Million Gallons Per Year

(b) Units of SS - Thousands of Pounds per Year

(c) Units of COD - Thousands of Pounds per Year

ITEM #3

TABLE B

CITY OF SAN DIEGO - METROPOLITAN WASTEWATER DEPARTMENT
 PROJECTED DISTRIBUTION OF SYSTEM WASTEWATER COSTS - FISCAL YEAR 2011
 FUNCTIONAL-DESIGN BASED ALLOCATION METHOD

AGENCY	ALLOCATION OF COSTS BY FLOW, SUSPENDED SOLIDS AND CHEMICAL OXYGEN DEMAND			TOTAL FLOW, SS & COD	expressed in percents:	
	FLOW (a)	SS (a)	COD (a)		SUSPENDED FLOW SOLIDS	OXYGEN DEMAND
CHULA VISTA	\$8,996,859	\$4,612,115	\$4,383,661	\$17,992,635	9.56%	9.69%
CORONADO	1,196,458	433,908	452,715	2,083,081	1.27%	1.00%
DEL MAR	367,095	238,325	168,987	774,407	0.39%	0.37%
EAST OTAY MESA	159,890	78,864	67,647	306,401	0.17%	0.15%
EL CAJON	4,785,831	1,930,632	1,827,528	8,543,991	5.08%	4.04%
IMPERIAL BEACH	1,223,650	615,569	503,584	2,342,803	1.30%	1.11%
LA MESA	2,833,430	1,187,701	1,049,926	5,071,057	3.01%	2.32%
LAKESIDE/ALPINE	1,767,494	767,155	646,333	3,180,982	1.88%	1.43%
LEMON GROVE	1,248,667	540,709	520,058	2,309,434	1.33%	1.15%
NATIONAL CITY	2,485,913	1,144,628	1,160,470	4,791,011	2.64%	2.56%
OTAY	164,785	602,731	270,684	1,038,200	0.18%	0.60%
PADRE DAM	1,669,602	2,310,091	1,183,864	5,163,557	1.77%	2.62%
POWAY	1,886,596	876,848	700,879	3,464,323	2.00%	1.55%
SPRING VALLEY	3,931,995	1,987,917	1,588,173	7,508,085	4.18%	3.51%
WINTERGARDENS	522,091	192,599	185,935	900,625	0.55%	0.41%
SUBTOTAL PARTICIPATING AGENCIES	\$33,240,356	\$17,519,792	\$14,710,444	\$65,470,592	35.31%	34.72%
SAN DIEGO	\$60,910,579	\$32,935,598	\$30,546,626	\$124,392,803	64.69%	67.50%
TOTAL	\$94,150,935	\$50,455,390	\$45,257,070	\$189,863,395	100.00%	100.00%

(a) Allocations based on estimated annual flows and strength loadings - See Table C

TABLE C

CITY OF SAN DIEGO - METROPOLITAN WASTEWATER DEPARTMENT
 SYSTEM WASTEWATER CHARACTERISTICS - FISCAL YEAR 2011
 SYSTEM STRENGTH LOADINGS INCLUDED

AGENCY	WASTEWATER CHARACTERISTICS				UNADJUSTED ANNUAL USE			ADJUSTED ANNUAL USE		
	AVERAGE FLOW - mgd (a)	SS mg/l (b)	COD mg/l (b)	623	2011 FLOWS million gallons	SS thousand pounds	COD thousand pounds	2011 FLOWS million gallons	SS thousand pounds	COD thousand pounds
CHULA VISTA	16.543	207	623		6,038,222	10,409	31,390	6,417,664	13,513	29,167
CORONADO	2.200	146	484		803,000	979	3,242	853,461	1,271	3,012
DEL MAR	0.675	262	589		246,375	538	1,210	261,857	698	1,124
EAST OTAY MESA	0.284	199	541		107,310	178	484	114,053	231	450
EL CAJON	8.800	163	488		3,212,000	4,357	13,086	3,413,842	5,656	12,160
IMPERIAL BEACH	2.250	203	526		821,250	1,389	3,606	872,857	1,804	3,351
LA MESA	5.210	169	474		1,901,650	2,681	7,518	2,021,150	3,480	6,986
LAKESIDE/ALPINE	3.250	175	468		1,186,250	1,731	4,628	1,260,794	2,248	4,300
LEMON GROVE	2.296	175	533		838,040	1,220	3,724	890,702	1,584	3,460
NATIONAL CITY	4.571	186	597		1,668,415	2,583	8,310	1,773,258	3,354	7,721
OTAY	0.303	1,474	2,100		110,595	1,360	1,938	117,545	1,766	1,801
PADRE DAM	3.070	558	907		1,120,550	5,214	8,477	1,190,965	6,768	7,877
POWAY	3.469	187	475		1,266,185	1,979	5,019	1,345,752	2,569	4,663
SPRING VALLEY	7.230	204	516		2,638,950	4,487	11,372	2,804,782	5,824	10,567
WINTERGARDENS	0.960	149	455		350,400	435	1,331	372,419	564	1,237
SUBTOTAL PARTICIPATING AGENCIES	61.121	212	566		22,309,192	39,541	105,336	23,711,101	51,330	97,878
SAN DIEGO	112.000	218	641		40,880,000	74,333	218,733	43,448,899	96,495	203,247
REGIONAL SLUDGE RETURNS	10.879	1,025	(692)		3,970,808	33,952	(22,944)			
TOTAL	184.000	264	537		67,160,000	147,825	301,125	67,160,000	147,825	301,125

(a) Estimated flows based on sewage flow projections provided by Participating Agencies November/December 2009.

(b) SS and COD characteristics based on standard deviation cumulative samples taken by MWWD's Environmental Monitoring and Technical Services Division up to 06-30-09. Using the FY 2008 Mass Balance for Otay.

Mass Balance provided by the MWWD Engineering & Program Management division dated December 9, 2009

TABLE D

CITY OF SAN DIEGO - METROPOLITAN WASTEWATER DEPARTMENT
 ALLOCATION OF FISCAL YEAR 2011 ESTIMATED BUDGET
 FUNCTIONAL-DESIGN BASED ALLOCATION METHOD

DESCRIPTION	FY 2011 BUDGET COSTS	ALLOCATION OF COSTS				TOTAL COSTS		
		FLOW %	FLOW COSTS	SS %	SS COSTS		COD %	COD COSTS
<u>OPERATION AND MAINTENANCE:</u>								
TRANSMISSION AND SYSTEM MAINTENANCE	\$10,000,000	100.0%	\$10,000,000	0.0%	\$0	0.0%	\$0	\$10,000,000
OPERATIONS & MAINTENANCE	48,000,000	36.9%	17,697,097	33.9%	16,287,488	29.2%	14,015,415	48,000,000
TECHNICAL SERVICES	9,000,000	30.0%	2,700,000	40.0%	3,600,000	30.0%	2,700,000	9,000,000
COGENERATION	500,000	0.0%	0	60.0%	300,000	40.0%	200,000	500,000
METRO ADMIN & GENERAL EXPENSES - 41508	19,000,000	45.0%	8,556,885	30.0%	5,695,360	25.0%	4,747,756	19,000,000
METRO ADMIN & GENERAL EXPENSES - 41509	23,000,000	45.0%	10,358,334	30.0%	6,894,383	25.0%	5,747,283	23,000,000
TOTAL OPERATIONS AND MAINTENANCE	\$109,500,000	45.03%	\$49,312,316	29.93%	\$32,777,230	25.03%	\$27,410,454	\$109,500,000
<u>CAPITAL IMPROVEMENT PROGRAM:</u>								
PAY-AS-YOU-GO METRO 41508	2,171,896	55.8%	1,211,806	22.0%	477,769	22.2%	482,322	2,171,897
PAY-AS-YOU-GO METRO 41509	3,438,314	55.8%	1,918,401	22.0%	756,352	22.2%	763,560	3,438,313
DEBT SERVICE	74,753,183	55.8%	41,708,413	22.0%	16,444,037	22.2%	16,600,734	74,753,184
TOTAL CAPITAL IMPROVEMENT PROGRAM	\$80,363,393	55.8%	\$44,838,620	22.0%	\$17,678,158	22.2%	\$17,846,616	\$80,363,394
TOTAL O&M & CAPITAL IMPROVEMENT PROGRAM	\$189,863,393	49.6%	\$94,150,936	26.6%	\$50,455,388	23.8%	\$45,257,070	\$189,863,394

Metro Wastewater JPA **DRAFT Budget**

July 1, 2010 - June 30, 2011

Consider approval - Metro TAC

5/19/2010

Consider approval - Metro Finance Committee

5/26/2010

Consider approval - Metro JPA

6/3/2010

Presented by Doug Wilson, Metro JPA Treasurer

**Metro Wastewater JPA
Budget - Fiscal Year 2010/11**

Metro/JPA - One year budget

Ordinary Income/Expense	July 1, 2009-June 30, 2010		FY 2010/11 BUDGET	NOTES	
	Estimated	Budget			Variance
	Actual				Fav (Unfav)
Income					
Membership Dues	210,000	210,000	210,000	Based on current yr expenses	
Interest Income	920	1,500	1,500	Estimated	
Total Income	210,920	211,500	211,500		
Expense					
PBS&J	121,300	106,000	106,000	Historical-contract	
Legal	34,832	35,000	38,500	Historical-increase 10% billing rate	
Per Diem - Agency	21,050	24,750	24,750	Same as prior yr budget	
Treasury Support - Padre Dam	15,112	14,000	14,000	Historical-contract	
Metro/JPA/TAC meeting expenses	4,621	5,500	5,500	Historical plus retreat	
Administrative Support-LP	3,050	2,400	3,600	Metro JPA portion \$300 per month estimate	
Annual Retreat - strategic plan	-	3,000	3,000	Place holder	
Automobile Expense	1,575	3,000	3,000	Historical-potential increase	
Public Information	-	1,000	1,000	Small place holder	
Web Site	844	1,000	1,000	Historical - \$55 per month + \$100 domain name	
Office Supplies	861	200	900	Historical	
Supplies	536	300	750	Historical	
Miscellaneous	-	750	750	Historical placeholder	
Dues and Subscriptions	538	600	600	Historical	
Financial Consultant	-	3,000	-	Removed - San Diego financing complete	
Contingencies	-	10,000	10,000	Contingency	
Total Expense	204,319	210,500	213,350		
Net Ordinary Income	6,601	1,000	(1,850)		

30-Jun-10 67,743

30-Jun-11 65,893
Operating expense coverage = 30.9%

Cash Balances-projected 67,743

Cash Balances-projected 65,893

Cash Reserve policy target 71,117
33.00%

71,117
33.00%

Metro Commission / JPA Agency Cost Allocation

	Metro Flow 2010 forecast (MGD)	Commission Flow Distribution %	Total Agency Billings	Prior Yr Billings
Chula Vista	16.543	27.07%	\$ 56,839	\$ 59,341
Coronado	2.200	3.60%	\$ 7,559	\$ 8,290
County of SD	11.734	19.20%	\$ 40,316	\$ 37,111
Del Mar	0.675	1.10%	\$ 2,319	\$ 2,278
El Cajon	8.800	14.40%	\$ 30,235	\$ 29,478
Imperial Beach	2.250	3.68%	\$ 7,731	\$ 7,626
La Mesa	5.210	8.52%	\$ 17,901	\$ 17,422
Lemon Grove	2.296	3.76%	\$ 7,889	\$ 7,613
National City	4.571	7.48%	\$ 15,705	\$ 16,609
Otay Water District	0.303	0.50%	\$ 1,041	\$ 1,001
Padre Dam MWD	3.070	5.02%	\$ 10,548	\$ 12,070
Poway	3.469	5.68%	\$ 11,919	\$ 11,161
Total Flow	61.121	100.00%	\$ 210,000	\$ 210,000

**MetroTAC
2009/2010 Work Plan**

MetroTAC Items	Description	Subcommittee Member(s)
State WDRs & WDR Communications Plan COMPLETED	The Waste Discharge Requirements (WDRs), a statewide requirement that became effective on May 2, 2006, requires all owners of a sewer collection system to prepare a Sewer System Management Plan (SSMP). Agencies' plans have been created. We will continue to work to meet state requirements, taking the opportunity to work together to create efficiencies in producing public outreach literature and implementing public programs.	Dennis Davies Patrick Lund
Lateral Issues	Sewer laterals are owned by the property owners they serve, yet laterals often allow infiltration and roots to the main lines causing maintenance issues. As this is a common problem among PAs, the MetroTAC will gather statistics from national studies and develop solutions.	Tom Howard Joe Smith
Secondary Waiver	The City of San Diego received approval from the Coastal Commission and now the Waiver is being processed by the EPA. The new 5 year waiver to operate the Point Loma Wastewater Treatment Plant at advanced primary should go into affect soon.	Scott Huth
IPR Pilot Program(s)	San Diego is evaluating proposals for the design/build/operate project for the Indirect Potable Reuse (IPR) pilot program to replenish potable water sources with reclaimed water. The MetroTAC will monitor and participate in the process as it moves forward.	Neal Brown
Fiscal Items	The Finance committee will continue to monitor and report on the financial issues affecting the Metro System and the charges to the PAs. The debt finance and reserve coverage issues have been resolved. Refunds totaling \$12.3 million were sent to most of the PA's. The recycled water credits issue will be taken up starting in June 2010.	Greg Humora Scott Huth Karyn Keese
Debt Reserve and Operating Reserve Discussion COMPLETED	In March 2010, the JPA approved recommendations developed by Metro JPA Finance Committee, MetroTAC, and the City of San Diego regarding how the PA's will fund the operating reserve and debt financing. MetroTAC has prepared a policy document to memorialize this agreement. Project complete: 4/10	Scott Huth Karyn Keese
Water Reduction - Impacts on Sewer Rates	The MetroTAC wants to evaluate the possible impact to sewer rates and options as water use goes down, and consequently the sewer flows go down, reducing sewer revenues. Sewer strengths are also increasing because of less water to dilute the waste. We are currently monitoring the effects of this.	David Scherer Manny Magaña Karyn Keese
"No Drugs Down the Drain"	The state has initiated a program to reduce pharmaceuticals entering the wastewater flows. To date there have been a number of collection events within the region. The MetroTAC, working in association with the Southern California Alliance of Publicly-owned Treatment Works (SCAP), will continue to monitor proposed legislation and develop educational tools to be used to further reduce the amount of drugs disposed of into the sanitary sewer system.	Greg Humora
Flushable Items that do not Degrade	Several PAs have problems with flushable products, such as personal wipes, that do not degrade and cause blockages. MetroTAC is investigating solutions by other agencies, and a public affairs campaign to raise awareness of the problems caused by flushable products. We are also working with SCAP in their efforts to help formulate state legislation to require manufacturers of products to meet certain criteria prior to labeling them as "flushable." Follow AB2256 and offer support.	David Scherer Dean Gipson

MetroTAC Items	Description	Subcommittee Member(s)
Grease Recycling	To reduce fats, oils, and grease (FOG) in the sewer systems, more and more restaurants are being required to collect and dispose of cooking grease. Companies exist that will collect the grease and turn it into energy. MetroTAC is exploring if a regional facility offers cost savings for the PAs. The PAs are also sharing information amongst each other for use in our individual programs.	David Scherer Dean Gipson
"Power Tariff"	Power companies are moving to a peak demand pricing scheme which negatively impacts PAs with pump stations and other high energy uses. MetroTAC wants to evaluate the new legislation and regulations, and to identify and implement cost savings efforts for the PAs.	Tom Howard Paula de Sousa
Recycled Water Study	As part of the secondary waiver process, San Diego agreed to perform a recycled water study within the Metro service area. That study is currently underway, and MetroTAC has representatives participating in the working groups. We will monitor progress and provide feedback as it relates to our individual agencies.	Scott Huth Neal Brown Dean Gipson
Recycled Water Rate Study	San Diego is working on a rate study for pricing recycled water from the South Bay plant and the North City plant. MetroTAC, in addition to individual PAs, have been engaged in this process and have provided comments on drafts San Diego has produced. We are currently waiting for San Diego to promulgate a new draft which addresses the changes we have requested.	Karyn Keese
Metro JPA Strategic Initiatives	MetroTAC to develop success measures for the JPA strategic initiatives and suggest a schedule to complete certain items	Scott Huth Dan Brogadir Dean Gipson
Board Members' Items		
Rate Case Items	San Diego is starting the process for their next five-year rate case. As part of that process, MetroTAC and the Finance Committee will be monitoring the City's proposals as we move forward.	
Schedule E	MetroTAC and the Finance Committee are active and will monitor this process. Individual items related to Schedule E will come directly to the Board as they develop.	
Future bonding	MetroTAC and the Finance Committee are active and will monitor this process. Individual items related to bonding efforts will come directly to the Board as they develop.	
Changes in water legislation	MetroTAC and the Board should monitor and report on proposed and new legislation or changes in existing legislation that impact wastewater conveyance, treatment, and disposal, including recycled water issues	
Ocean Maps from Scripps	Schedule a presentation on the Sea Level Rise research by either Dr. Emily Young, San Diego Foundation, or Karen Goodrich, Tijuana River National Estuarine Research Reserve	COMPLETED
Role of Metro JPA regarding Recycled Water	As plans for water reuse unfold and projects are identified, Metro JPA's role must be defined with respect to water reuse and impacts to the various regional sewer treatment and conveyance facilities	
Border Region	Impacts of sewer treatment and disposal along the international border should be monitored and reported to the Board. These issues would directly affect the South Bay plants on both sides of the border.	

AGENDA ITEM 5

Attachment

City of San Diego, Public Utilities Department

Award of Sodium Hypochlorite Purchase Contract at Various Wastewater Treatment and Disposal Facilities

Presenter: Pamela Galan, Supervising Management Analyst, Wastewater Treatment and Disposal Division

The Public Utilities Department submits for approval a request for authorization to purchase sodium hypochlorite for use at the North City Water Reclamation Plant, South Bay Water Reclamation Plant, Metropolitan Biosolids Center, Pump Station 1, Pump Station 2, Pump Station 64, Pump Station 65, and the Peñasquitos Pump Station. This chemical is used for odor control at these facilities. The Department requests purchases of approximately 1,266,000 gallons annually at a per gallon cost of \$0.6043. The estimated annual pre-tax expenditure is \$765,000.

Background

Sodium hypochlorite is a chemical used, among others, to control odors at wastewater treatment facilities. This request would authorize sodium hypochlorite purchases to allow the Department to maintain sufficient chemical volume to meet anticipate odor control needs. The proposed vendor is JCI Jones Chemicals, Inc. under the terms of Bid No. 9938-10-C. Please note that this request is distinct from a similar request for authorization to purchase sodium hypochlorite for the Point Loma Wastewater Treatment Plant. That request was recently approved by the Metro Commission and by the San Diego City Council. This request would meet the sodium hypochlorite needs of all other Wastewater Treatment and Disposal Division Facilities.

AGENDA ITEM 11

Attachment

**MetroTAC
2009/2010 Work Plan**

MetroTAC Items	Description	Subcommittee Member(s)
State WDRs & WDR Communications Plan COMPLETED	The Waste Discharge Requirements (WDRs), a statewide requirement that became effective on May 2, 2006, requires all owners of a sewer collection system to prepare a Sewer System Management Plan (SSMP). Agencies' plans have been created. We will continue to work to meet state requirements, taking the opportunity to work together to create efficiencies in producing public outreach literature and implementing public programs.	Dennis Davies Patrick Lund
Lateral Issues	Sewer laterals are owned by the property owners they serve, yet laterals often allow infiltration and roots to the main lines causing maintenance issues. As this is a common problem among PAs, the MetroTAC will gather statistics from national studies and develop solutions.	Tom Howard Joe Smith
Secondary Waiver	The City of San Diego received approval from the Coastal Commission and now the Waiver is being processed by the EPA. The new 5 year waiver to operate the Point Loma Wastewater Treatment Plant at advanced primary should go into affect soon.	Scott Huth
IPR Pilot Program(s)	San Diego is evaluating proposals for the design/build/operate project for the Indirect Potable Reuse (IPR) pilot program to replenish potable water sources with reclaimed water. The MetroTAC will monitor and participate in the process as it moves forward.	Neal Brown
Fiscal Items	The Finance committee will continue to monitor and report on the financial issues affecting the Metro System and the charges to the PAs. The debt finance and reserve coverage issues have been resolved. Refunds totaling \$12.3 million were sent to most of the PA's. The recycled water credits issue will be taken up starting in June 2010.	Greg Humora Scott Huth Karyn Keese
Debt Reserve and Operating Reserve Discussion COMPLETED	In March 2010, the JPA approved recommendations developed by Metro JPA Finance Committee, MetroTAC, and the City of San Diego regarding how the PA's will fund the operating reserve and debt financing. MetroTAC has prepared a policy document to memorialize this agreement. Project complete: 4/10	Scott Huth Karyn Keese
Water Reduction - Impacts on Sewer Rates	The MetroTAC wants to evaluate the possible impact to sewer rates and options as water use goes down, and consequently the sewer flows go down, reducing sewer revenues. Sewer strengths are also increasing because of less water to dilute the waste. We are currently monitoring the effects of this.	David Scherer Manny Magaña Karyn Keese
"No Drugs Down the Drain"	The state has initiated a program to reduce pharmaceuticals entering the wastewater flows. To date there have been a number of collection events within the region. The MetroTAC, working in association with the Southern California Alliance of Publicly-owned Treatment Works (SCAP), will continue to monitor proposed legislation and develop educational tools to be used to further reduce the amount of drugs disposed of into the sanitary sewer system.	Greg Humora
Flushable Items that do not Degrade	Several PAs have problems with flushable products, such as personal wipes, that do not degrade and cause blockages. MetroTAC is investigating solutions by other agencies, and a public affairs campaign to raise awareness of the problems caused by flushable products. We are also working with SCAP in their efforts to help formulate state legislation to require manufacturers of products to meet certain criteria prior to labeling them as "flushable." Follow AB2256 and offer support.	David Scherer Dean Gipson

MetroTAC Items	Description	Subcommittee Member(s)
Grease Recycling	To reduce fats, oils, and grease (FOG) in the sewer systems, more and more restaurants are being required to collect and dispose of cooking grease. Companies exist that will collect the grease and turn it into energy. MetroTAC is exploring if a regional facility offers cost savings for the PAs. The PAs are also sharing information amongst each other for use in our individual programs.	David Scherer Dean Gipson
"Power Tariff"	Power companies are moving to a peak demand pricing scheme which negatively impacts PAs with pump stations and other high energy uses. MetroTAC wants to evaluate the new legislation and regulations, and to identify and implement cost savings efforts for the PAs.	Tom Howard Paula de Sousa
Recycled Water Study	As part of the secondary waiver process, San Diego agreed to perform a recycled water study within the Metro service area. That study is currently underway, and MetroTAC has representatives participating in the working groups. We will monitor progress and provide feedback as it relates to our individual agencies.	Scott Huth Neal Brown Dean Gipson
Recycled Water Rate Study	San Diego is working on a rate study for pricing recycled water from the South Bay plant and the North City plant. MetroTAC, in addition to individual PAs, have been engaged in this process and have provided comments on drafts San Diego has produced. We are currently waiting for San Diego to promulgate a new draft which addresses the changes we have requested.	Karyn Keese
Metro JPA Strategic Initiatives	MetroTAC to develop success measures for the JPA strategic initiatives and suggest a schedule to complete certain items	Scott Huth Dan Brogadir Dean Gipson
Board Members' Items		
Rate Case Items	San Diego is starting the process for their next five-year rate case. As part of that process, MetroTAC and the Finance Committee will be monitoring the City's proposals as we move forward.	
Schedule E	MetroTAC and the Finance Committee are active and will monitor this process. Individual items related to Schedule E will come directly to the Board as they develop.	
Future bonding	MetroTAC and the Finance Committee are active and will monitor this process. Individual items related to bonding efforts will come directly to the Board as they develop.	
Changes in water legislation	MetroTAC and the Board should monitor and report on proposed and new legislation or changes in existing legislation that impact wastewater conveyance, treatment, and disposal, including recycled water issues	
Ocean Maps from Scripps	Schedule a presentation on the Sea Level Rise research by either Dr. Emily Young, San Diego Foundation, or Karen Goodrich, Tijuana River National Estuarine Research Reserve	COMPLETED
Role of Metro JPA regarding Recycled Water	As plans for water reuse unfold and projects are identified, Metro JPA's role must be defined with respect to water reuse and impacts to the various regional sewer treatment and conveyance facilities	
Border Region	Impacts of sewer treatment and disposal along the international border should be monitored and reported to the Board. These issues would directly affect the South Bay plants on both sides of the border.	