





STAFF UPDATE

To: SBWMA Board Members

From: Hilary Gans, Facility Operations Contracts Manager

Date: March 24, 2011 Board of Director's Meeting

Subject: Shoreway Construction Update

Project Update

This is an informational item and no Board action is required.

This project update summarizes the status of the construction of the Shoreway Master Plan Phase II improvements which include the construction of a new Materials Recovery Facility (MRF) building, modifications to the Transfer Station (TS), and various site work; and Phase III improvements which are comprised solely of the purchase and installation of the single stream processing equipment. A contract in the amount of \$16,209,000 was awarded to SJ Amoroso on July 23, 2009 for Phase II of the Master Plan construction work. On October 7, 2009 the Board approved a contract with BHS for \$15,713,180, exclusive of sales tax, for the Phase III work. This report includes a discussion of completed and upcoming construction activities, updates to the construction schedule, and a summary of the project budget.

Construction and Other Project Activities

The following construction activities occurred over the past month:

MRF Building - Administrative area

- o Construction punch list has been completed.
- o Electrical panels inspected and full building power completed.
- o Building inspected by City San Carlos Occupancy permit issued.
- o Final elevator inspection by State (March 22nd).
- o SBR starting move-in to the Administrative portion of the MRF building (end of March).

Transfer Station (TS)

- o Concrete slab has been poured.
- o TS exterior cladding on north wall in progress.
- o Interior wall cladding installed around maintenance area.

Equipment Installation and Other Project Activities

- Mechanical installation of the single stream equipment completed.
- o Balers installed (New IPS fiber baler, Harris baler from old MRF).

The following construction activities are expected to occur during the next reporting period:

MRF Building

- o CO2 sensor installed.
- Fire system testing.
- o Video camera system installation.

Transfer Station

- o TS translucent siding on north wall to be completed.
- o TS interior lighting replacement in old area.
- o Concrete finishing in area of selfhaul slab pour.
- o Selfhaul perimeter concrete walls formed and poured.
- o Preparation for selfhaul PEMB erection.

Equipment Installation and Other Project Activities

- o System wiring and control system integration installation.
- o Preparation for "live" system testing to start in March.

Issues of Concern

• Due to Covello's high level of engagement in managing the design changes and questions from Amoroso - especially at the start of the construction project - Covello's expenses for Construction Management (CM) services have been tracking ahead of their original budget. SBWMA and Covello have adjusted staffing levels to reduce monthly expenditures by approximately \$25,000 per month over the balance of the construction project; however, additional funds will be required for Covello's CM services to complete the project. Staff will bring a request for additional CM funds to the Board for consideration at the March 24th Board meeting; see agenda item 4B

Construction Schedule

Construction Notice to Proceed (NTP) was issued to SJ Amoroso effective September 14, 2009. The established contract duration for Final Completion is 630 calendar days which corresponds to a completion date of June 6, 2011. A summary of the schedule's major milestones is shown below:

<u>Activity</u>	Contract Baseline <u>Schedule</u>	Schedule Update
Notice to Proceed (NTP)	Sept. 14, 2009	Sept. 14, 2009
MRF Milestone A (MRF process area ready for equipment install)	July 11, 2010	August 21, 2010
MRF Equipment Installation Start Date	June 10, 2010	August 23, 2010
MRF Equipment Start-up	Jan 31, 2010	April 11, 2010
Final Contract Completion	June 6, 2011	June 6, 2011

Fiscal Impact

- Construction Budget (S.J. Amoroso)
 - Monthly progress payments to SJ Amoroso for the month of February 2011 total \$804,163.
 - Cumulative progress payments made to Amoroso through the end of February 2011 total \$14,280,606 on a total contract amount of \$16,209,000 (Amoroso has been paid 88% of their budget for Construction).
 - Construction change order (CCO) numbers 148-169 were approved in February 2011 for a total of \$104,311. The sum total of all CCO approved through February 2011 is \$2,423,517 (See construction Change Order Summary for details on all approved change orders).

 A summary of approved CCOs sorted by the attributable reason for the change are presented in the table on the next page. Attached at the end of this report (see Phase II - Preliminary Construction Change Order) is a complete list of all approved construction change orders.

Reason Category for Construction Change Order	Abbreviation	Total Change Order Cost by Category
Design Revision/Clarification	DR/DC	\$558,840
Differing site conditions	DSC	\$500,865
Equipment required changes	Equipment	\$558,669
Various reasons for the Change	Multiple	\$268,626
Owner requested changes	Owner	\$264,020
Permitting agency changes	Permit	\$232,978

Construction Management Budget (Covello)

- Payments to Covello for the month of February 2011 total \$58,447 on a monthly forecasted amount of \$73,570.
- Cumulative progress payments made to Covello through February 2011 total \$1,433,041 on a budget of \$1,466,000 (Covello will exceed their budget for Construction Management services and staff is holding payment of February invoice for \$58,352 pending Board approval of Resolution 2011-1006).

Design Support Services (JRMA)

- Payments to JRMA for the month of February 2011 total \$6,060 on monthly forecasted amounts of \$6,500.
- Cumulative progress payment made to JRMA for Design Support Services through the end of February 2011 total \$467,984 on a project budget amount of \$597,000 (JRMA has been paid 78% of their budgeted amount for Design Support Services).

MRF Processing Equipment and Installation (BHS)

- o Progress payments to Bulk Handling Systems (BHS) for February 2011 total \$0.
- O Cumulative progress payments made to BHS for both equipment manufacture and system installation through the end of February 2011 total \$15,573,980 on a budget of \$16,901,400 (BHS has been paid 92% of the budgeted amount for equipment and installation).

Master Plan Project - Bond Funds Status

o A summary of the Master Plan budget and expenses through February 2011 is presented in the SEC Master Plan Budget table on the next page. Through the end of February 2011, \$40,377,800 has been spent on a total budget amount of \$44,139,800 (which does not include an Unallocated Project Contingency balance of \$668,100).

SHOREWAY ENVIRONMENTAL CENTER MASTER PLAN BUDGET

THROUGH FEBRUARY 2011 (000's)

THROUGHT EBROART 2011	(0000)				
		Original Project	Allocated	Spent Amount as	Remaining Amount
	Vendor	Budget Amount	Contingency	of 2/28/11	as of 2/28/11
PROJECT COST SUMMARY					
Preliminary Costs					
Planning, Design & Engineering	Various	2,404.0	-	(2,390.6)	13.4
Bond Issuance Costs		83.1	-	(83.1)	-
					-
Phase I					-
Construction	Rodan	2,405.0	-	(2,283.6)	121.4
Construction Management	Covello	444.3	-	(460.2)	(15.9)
Phase II					
Construction	Amoroso	16,209.0	-	(14,280.6)	1,928.4
Construction Contingency (10%)	Amoroso	1,620.9	1,220.0	(2,423.0)	417.9
Permit, CM, & Design Support Services	Covello/JRMA	2,376.0	216.0	(2,376.1)	215.9
Construction Soft Costs	Various	786.7	-	(164.5)	622.2
Phase III					
Equipment Installation	BHS	2,462.4	-	(2,105)	357.1
Contingency (10%)	BHS	246.2	-	-	246.2
Camera System, elec.		85.0	-	-	85.0
Supplemental Fire Suppression		75.0	-	-	75.0
Equipment	BHS	14,354.4	-	(13,707.1)	647.3
Contingency	BHS	492.8	-	(97.7)	395.1
Construction Management and Soft Costs	Various	95.0	-	(6.0)	89.0
TOTAL PROJECT		44,139.8	1,436.0	(40,377.8)	5,198.0
OTHER PROJECT DOLLARS					
Unallocated Contingency		2,104.1	(1,436.0)	(1,436.0)	668.1
Transfer Station Public Area (SJA Bid Deduction)		728.0	(213.0)	TS Delta 8 constr.	515.0
TOTAL PROJECT FUNDS		46,971.9			

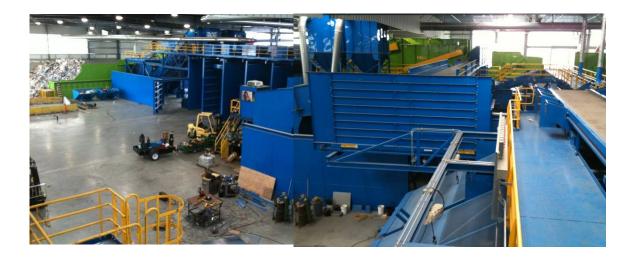
SEC Phase 2 Preliminary Change Order Summary Updated through 3/1/11

INCIC. Provide Bladie Tose assembly katween insting com and processing area. ULTREE Provide BHS access through Hatcher Press for machinery defendes. ULTREE Provide BHS access through Hatcher Press for machinery defendes. ULTREE Provide BHS access through Hatcher Press for machinery defendes. BENG Except by defined a beging reference and the SE submoment toading of MRF FEMB structure.	\$4,958 DI \$1,900 EQUI \$1,270 MUI \$7,797 MUI \$1,278 DI \$1,164 FOUI	11/30/10 92. CXCO 92 (Febable Matriq System Hose Assembly) 11/30/10 93 CXCO 93 (Bur Back Bullet Prod (Glass) 11/30/10 94 CXCO 94 (BHS Access at Hatcher Press) 11/30/10 94 CXCO 94 (BHS Access at Hatcher Press) 11/30/10 95 CXCO 95 (Butte Despire Review Del HS Equipment Loading) 11/30/10 95 CXCO 95 (Indefendal PERB Column, in TS Restroom) 11/30/10 97 CXCO 97 (Behorian TS DEFBS Asception)
DROC Additional based in faming a Goody MRF not included an increase in whichow \$2x blentlind in Delta 4 changes. DROC Additional canopy transing at the MRF truck dock. UIPMENT IMRF footing revisions to accommodate exercised underground changes in Delta 4 and Delta 6, requiring re-layout of footing and rebar detailing to accommodate performance in Delta 4 and Delta 6, requiring re-layout of footing and rebar detailing to accommodate DSC Premium time compensation for the offinaul of stockpiled class 2 contaminated material.	\$3,329 DI \$3,713 DI \$1,356 EQUI	1130/10 88 COC 98 (Additional Reader Faming MRF Storefront)
DEDCC Construct and anotor brusekeeping pads for the Transfer Salation Electric Room equipment. OTHER Resequencing of the rine (9) poied stages as defined in Specification Section 0.1010 and described in Attachment No. 1 to this contract change order. DEDCC Install the single-pyrmentrate roof at the MFF with termination methods and crickets at mechanical units to meet the Manufacturer's warranty requirements for a DEDCC Furnish and install framing and dynvall to constitut an additional two (2) feet of soffit to bottom of storefront in Room 409 and Room 309. BEDCC Furnish and install framing and dynvall to constitute an additional two (2) feet of soffit to bottom of storefront in Room 449 and Room 309.	\$7,268 DI \$0 O1 \$6,408 DI \$5,301 DI	1/10/10 83 CCC0 83 (Constitud TS Housekeeping Pads) 1/100/10 84 CCC0 84 (Re-Sequencing) 1/100/10 85 CCC0 85 (MRF Education Center Roof Warranty) 1/100/10 85 CCC0 86 (Constitud Soffie at floom 405 and Room 309 (Stair 6)) 1/100/10 87 CCC0 87 (Constitud Soffie at floom 405 and Room 309 (Stair 6))
CNO. Let us us despress and baselont or more companies to reminister any first and services you. DSC Exception ON MRF Track books structure performed out of sequence to militage potential delay related to contaminated soil of Haul. EXRAIT Revise arrap grades and furnish & install furnated domes to accommodate ADA requirements outlined by the City of San Caflos. UIPMENT Construct work (2) pits on the weat side of the MRF for Bit Basels conveyor installation.	\$4,766 [\$11,525 PE \$19,088 EQUI	1/1/01/0 80 COCO 80 (Exemise micr Terms (Domissonal) 1/1/01/0 80 COCO 80 (Exemise MRF Truck Domissonal) 1/1/01/0 81 COCO 81 (Revisiona to Site Grading & Paving - ADA) 1/1/01/0 82 COCO 81 (Revisiona to Site Grading & Paving - ADA) 1/1/01/0 82 COCO 82 (Constand ARF Bay Beach Ris)
From Infinity and its at z inauded plessure banktive device as required by California Yueld Sarkhot Company regulations. WINER Changes to the profect logo, bodo changes, new ston pixes and deneral revisions S1 and S2. Mountenent Storts S5. s16, S19-22, S23, S24. Wall Mounted Aluminum F DRDC Furnish and install Dow Coming 790 Sealant — Color Gray, at each vertical interior and exterior joint of the Procast Panels of the MRF facility. WINER Revised the MRF second floor capies color from product Mohawk. X-Fadd to product Mohawk. Baelow Trill/Sensitive Green-8821 BBDC S44 On American allow and a smooth fat MBF chargescare to Action Company allow and smooth fat MBF chargescare to Add On American allow and smooth fat MBF chargescare to Add On American allow and smooth fat MBF chargescare to Add On American allow and smooth fat MBF chargescare to Add On American allow and smooth fat MBF chargescare to American a crash allowers and smooth fat MBF chargescare to Add On American allow and smooth fat MBF chargescare to American a crash allowers and smooth fat MBF chargescare to American and Sankhot American and	\$1,714 OV \$1,714 DV \$1,0142 DI \$5,600 OV	11/30/10
ILLIE THE CONTRICTORY AND ADMINISTRATION OF THE CONTRICTORY AND ADMINI	\$2,856 MUI \$22,674 MUI \$5,780 PE	72
ERMIT Revise chemical wetting agent concentration, storage wassal & delivery system at the Transfer Station Expansion and new Material Recovery Facility Heinster, WINTER Add Doors to Material Recovery Facility Heinster, Redocate and resize Window NNL opcommodate motion of the Revise and Contract Change Order specifically covers the feet to open Tri-Chies facility in Fernorut, CA and the premum on labor for the exteal hours worked on Saurday. ULTPLE The Contract Change Order specifically covers the feet to open Tri-Chies facility in Fernorut, CA and the premum on labor for the exteal hours worked on Saurday. ULTPLE The Contractor hall be about worked to the Life to open Tri-Chies facility in Fernorut, CA and the premum on labor for the exteal hours worked on Saurday. ULTPLE The Contractor hall be about worked to the Life The Contractor hall be about worked to the Life The Contractor hall be about worked to the Life The Contractor hall be about the full to the Life The Contractor hall be about the Life The	\$22,403 PE \$4,970 OV \$10,433 C \$39,036 MUI	0025/10 68 CCC0.68 (T.S. MMF Fire Service Revisions)
ERMIT LEA requirement to screen openings in 13 Roof during replacement performed on Force Account (Field Order 18). BROC Contractor subtrotrazion to furnish & install ingrit gauge infining a longer for support of Royal Rodright (Fig. 8). ERMIT Contractor authorization to furnish & install light gauge infill for support of IMFF roof paraget liner. Required as a direct result of Orp Permit Review comments.	\$5,720 PE \$5,142 DI \$16,371 PE	10/25/10 65 CCC0 65 (Debtoyment of Shade Screen for TS Roof Replacement) 10/25/10 66 CCC0 66 (Modify Celling Framing at Unear Diffuser) 10/25/10 67 CCC 0 67 (MRF of Yice Area Paraget)
PERMIT Add preast structure & "ree" for SBSA testing station; ULTPLE Site wer utility revisions required by City of San Carbs Station; and Belmont San Carbs Fire Department reviewlapproval. Includes C3 requirements to "ERMIT Contractor authorization to perform utility trenching and backfill per PG&E requirements on Force Account (Field Order 13).	\$4,838 PE \$107,899 MUI \$3,508 PE	9/30/10 62 CCO 62 (SBSA Monitoring Vault) 9/30/10 63 CCO 63 (Site Utilities) 10/23/10 64 CCO 64 (Trench, Bed & Backfill MRF Gas Service)
UPMEKT Deele overhead doors 54 & 86. In their place, furnish & install familing & morin panels. DRIDC Increase as sed IMRF surform windows to resolve discreasory; between elevation & section. UPMEKT Modify HVAC duct larout so as to coordinate with Owner-Furnished equipment, Net credit.	\$0 EQUI \$1,571 DI (\$9,231) EQUI	9/10/10 59 CCO 59/ Dealed Oxenhead Door 54 & 56, Furnish & Install Framing and Liner Panel 9/10/10 60 CCO 69/ (Increase Size of Virindow W & XX) 9/10/10 61 CCO 61 (Coordinate HVAC Duct with MRF Equipment)
PERMIT PUTIEST A INSAIR DOK NEED OWNSDOM INTES. DR.D.C. Add stem was and add dot pest sate lefting aware footage to accommodate precast installation details at TS Scale Pit. DR.D.C. Furnish & Install 1.2 braces for precast panel supports at MRF Admin Building.	\$12,924 DI \$8,875 DI	9/10/10 50 CCC 36 (Aud MRF LOWINSDOUT Filets and ROOI Little film in Downside Fluff Insister State 9/10/10 57 CCC 37 (Controllet Foundation & Mr all Revisions at Estimos Scale Fluff Insister State 9/10/10 58 CCC 36 (Furnish & Install Piecast Support at MRF Administration Building)
OSC Full with boy trank certail for the conclusion to protein the contaminated water inflictating 13. Tank to be emptied and cleaned by first Environmental. Also construct in DSC Material took crosses use for the conclusion of the contamination of the contamina	\$8,408 C \$2,303 C \$2,797 PE	7,90/10 53 CCO 53 Contaminated Water and Stabilization at Pit 3) 7,80/10 54 CCO 54 (Meal Decking Stonage) 7,80/10 55 CCO 54 (Meal Decking Stonage) 8/10/10 55 CCO 55 (Furnish Seismic Galquistions for Weating Agent Tanks)
DR/DC Contractor pit waterproofing from built up system to Zipex topical application. Revise elevation added via DGN.	\$15,855 DI \$306 DI	7/30/10 50 CCO 50 (Delta 5 - Modifications to Equipment rits) 7/30/10 51 CCO 51 (Modifications to MRF Building at Wing Wall Line E) 7/30/10 52 CCO 52 (Elevator Pr. Waterproofing)
ULTIPLE Provide additional process for additional translucent syniphic panels at TS. ERMIT Furnish & Instal 2.400 st of additional translucent skylight panels at TS.	\$14,454 MUI \$51,376 PE	7/30/10 48 CCO 48 (Pricast Panel of Forms) 7/30/10 49 CCO 48 (Furnish & Install Additional Stylight Panel at TS) 7/30/10 49 CCO 49 (Furnish & Install Additional Stylight Panels at TS)
DRDC Lengthen eight (8) door posts and add four (4) milled channels all Truck Dock roll up door cannisters for support. ULTPLE Unitavel individual prestnessing tendon strands at MRF grade beams on T&M. HIBMERNT Ermoth & Result morerise hunckeepnon nack for electrical entiment.	\$895 DI \$19,794 MUI \$3,081 FOUI	6/30/10 45 CCO 45 (Furnish & Install Support at MRF Roll Up Doors) 7/30/10 46 CCO 45 (MRF Pile Fendon Splaying) 7/20/10 47 CCO 47 (Mrs Pile Fendon Splaying) 7/20/10 48 CCO 47 (Mrs Pile Fendon Splaying)
UIPMENT La jour, form & finish the drainage swale in the MRF process area per Equipment Supplier & Owner recommendation. DSC Ponde laton, equipment and materials on force Account to stabitize excession mought granular material used as backfull via Field Order 3. DRDC Increase the working capacity of three (3) Geneyl, Sand & Oil separation to 1,000 gallons per the Equipment's equipments.	\$1,334 EQUI \$11,392 [\$3,009 DI	6/30/10 42 CCO 42 (Add Swale for Equipment and Maintenance Drain) 6/30/10 43 CCO 43 (Stabilize Rock Backfill of Existing Pits at MRF) 6/30/10 44 CCO 44 (Smale), Sand and Oil Separation Size Revision)
DROC. Extend dropped grade beam east of Line 6 along Grid A. URAINENT Reboxale & resize MRF conveyor pis per Equipment supplier requirements - Furnish and Install Rebar only per CCO 40. DSC. Additional cost for pairs at 15k MRF.	\$21,574 DI \$28,448 EQUI \$70,117 [6/30/10 39 CCO 39 (Dropped Grade Beams) 5/28/10 40 CCO 40 (Delta 6 Reinforcing Steet) 5/28/10 41 CCO 41 (Dentoprior Steet Additional Cost)
UIPMENT Indial W8221 beams per BHS requirements on Force Account. WINDER Resize MRF utility feed from 2000 amps to 2500 amps per equipment supplier. Relocate 8 resize MRF secondary utility feed and Architectural plan by out to YERMIT Add sincural support to MRF damin parage values per City of San Carlos Building Permit review comments.	\$5,271 EQUI \$53,117 OV \$37,104 PE	E/28/10 36 CCO 36 (Floor Beams for Equipment Support) 9/30/10 37 CCO 37 (Reserved for Delta 4 *Operator Revisions*) 5/28/10 38 CCO 38 (MRF Paragra Revisions)
DROC. Contractor cost proposal to add widel lange beams for support of new 15 roof-mounted equipment. UPMENT Relocate PEMB tracting to accommodate future equipment conveyor in MRF. DSC. Demolshrenove AC (thicker than shown on bates and demolshrenove concrete paving not shown on plans.	\$2,835 DI \$246 EQUI \$66,216 C	E/28/10 33 CCO 33 (Roof Equipment Structural Steet) 5/28/10 34 CCO 34 (Gnd Line A) Blanding Rebication) 5/28/10 35 CCO 35 (Connecte and AC Removal)
DRDC. Revise installation requirements per shoot drawing treview comments. WNER Revise finish schedule requirement from tile to pre-labricated shower stalls. ERMIT Furnish and rasall metal backing for the attachment of the metal wall panel in accordance with Drawing Change Notice 93 and 94.	\$846 DI \$10,077 OV \$7,048 PE	5/28/10 30 CCO 30 (Corner Guard Attachment Revisions) 5/28/10 31 CCO 31 (Shower Stall Modifications) 5/28/10 32 CCO 32 (Metal Panel Attachment Modifications)
DROC Clarify the interaction of the canopies and wing wall on Line A.4 at 1.8 in the MRF. Administration Euroling North elevation. Add structural steel. DROC Add angles its stud wall susport in accordance with new deally alfa/1.2 to be principle. Orange Notice 18 (DCN 18). DROC Revise canopy dimensions on west side of IMRF admin building increase in size).	\$5,275 D \$1,551 D \$1,324 DI	6/30/10 27 CCO 27 (Str. Revisions to MRF Fin Wall) 6/30/10 28 CCO 28 (Anchos for Stud Wall Support) 6/30/10 29 CCO 29 Canopy at West Elevation)
DRDC Add and decade studied seed emembers equited per between 18hp of dawings. UPNENT Contractor cost proposal to increase the depth and carrying capacity of the levels is in accordance with the supplier's & manufacturer's recommendations. Inc	\$3,382 DI \$4,912 EQUI	5/28/10 26 CCO 26 (Truck Dock Bumpers and Levelers) 5/28/10 26 CCO 26 (Truck Dock Bumpers and Levelers)
DSC Wet sail was encountened at a transcription of the property of the existing MRF during demolition, which was determined to be an unforeseen concerning the existing MRF during demolition, which was determined to be an unforeseen concerning the existing MRF guiding size was found to have any engage thickness of 2 - 44 (engage) over what was shown in the Contract Drawings. BBDC Bavies and threes 0 13 -23 Azi MBF E7 in no include an average thickness of 2 - 45 azi MBF E7 in no include an average thickness of 2 - 45 azi MBF E7 in no include an average thickness of 2 - 45 azi MBF E7 in no include an average thickness of 2 - 45 azi MBF E7 in no include an average thickness of 2 - 45 azi MBF E7 in the existing MRF during demolition, which was determined to be an unforeseen concerning the existing MRF during demolition, which was determined to be an unforeseen concerning the existing MRF during demolition, which was determined to be an unforeseen concerning the existing MRF during demolition, which was determined to be an unforeseen concerning the existing MRF during demolition, which was determined to be an unforeseen concerning the existing MRF during demolition, which was determined to be an unforeseen concerning the existing MRF during demolition, which was determined to be an unforeseen concerning the existing the existing MRF during demolition, which was determined to the existency of the existence of the exi	\$20,970 C \$20,364 C	4/30/10 22 CCC 22 (Mrk and Re-Use West Soll from MRF Excavations) 4/30/10 23 CCC 23 (MRF Sab Demoltion and Removal) 4/30/10 23 CCC 23 (MRF Sab Demoltion and Removal) 5/28/10 24 CCC 24 (Charee Wall TruxAdd Vlaor Bariers) 5/28/10 24 CCC 24 (Charee Wall TruxAdd Vlaor Bariers)
UPPIERT Rebotals Michaels and its description of the universe and the safe and the safe and and safe at the existing MRF. USC. Remove & dispose of concrete and reinforcing for the universe and only of the control of	\$2,296 EQUI \$43,187 [\$48,744 [10
UIPMENT Revise plan location & configuration of Conveyor Pits per Delta & Equipment Modifications - Excavation, concrete placement for walls and stabs ONLY. INTER: Revise liqued grade beam configuration at the MRF Truck Dock Ramp, add concrete learning and the provided the provided of the provided that the provided provided the provided that the provided the provided that the provided t	\$70,467 EQUI \$73,699 OT	4/30/10 16 CCO 16 (Delta 6 Revised Conveyor Pits: Excavation, Slabs 8 Walls) 4/30/10 17 CCO 17 (Dropped Grade Beam after Truck Dock Ramp (RFQ10)) 4/30/10 18 CCO 18 (Exception Middle Beam after Truck Dock Ramp (RFQ10))
PERMIT Additional regar ties at IMF Education Building durindation per City Building Affective comments. DSC IFII the void left by the concrete removal at the east of the MRF building pad eaguent to the scale house at the former "Recycling Area" and use imported qua ULTIPLE Revise Milestone A, and establish new completion date for Milestone A, 1 as August 20, 2010.	\$1,600 PE \$7,051 C	4/30/10 13 CCC 13 (Add reinforcing steel at MMF) 4/30/10 14 CCO 14 (FO 5 (MRF Backfill @ DSC) 5/10/10 15 CCO 15 (Milestone A Revisions)
DHER Furnish in a line devalor and a south information to facilities response to City Review comments. DSC Provide a temporary AC paved roadway to re-establish Entrance 1 to the existing South Access Road for vehicular traffic from Shoreway Road to the new So	\$785 OT	3/28/10 11 CCO 11 (Virtual International Internation
TEMIT Furnish 8. insall digal for relocated fire tiest in MRF per Belmont San Carlos Fire Department. OHER Furnish and insall rod support for rod-mounted Transfer Station medianical fire time. The second support for rod-mounted Transfer Station medianical fire time. The second sec	\$2,256 PE \$1,835 OT \$1,601 EQUI	3/28/10 8 CCO 8 (Furnish and Install Drain for Fire Sprinkler) 3/28/10 9 CCO 9 (Furnish and Install Roof Support for T/S Equipment) 3/28/10 10 CCO 10 (Relocate FAMB Practice on Grid Line D)
UPMETYT Rasibze electrical service from 2000A to 2500A for MRF Equipment. Relocate electrical service to accommodate underpound secondary feed into the building. UPMETYT Funds ha drisalt irelations conceile ductativat from MRF Exprimation on to MRF Sort System MCC. UPMETYT (89 additional piles required by equipment support and pit modifications.	\$161,791 EQUI \$74,007 EQUI \$113,850 EQUI	3/29/10 5 CCO 5 (Delta 4 Operator Revisions - Relocate Etec. Svc.) 3/29/10 6 CCO 6 (Delta 6 - Revise Etec. Feed to BHS Equipment) 3/29/10 7 CCO 7 (Furnish and Install Additional Piles at MRF)
DSC Reportated agreement obtained the Mrk building last of the driving activities. DSC I Tanks of Unknown origin discovered during demotion that required special handling and assistance for environmental remediation. DSC Over-excavation & stabilization at Entrance 1 as directed by the soils engineer.	\$7,175	1/23/10 2 CUC/ (MRF Lme I realment) 2/26/10 3 CCO 3 (Unforeseen Tanks at MRF) 2/26/10 4 CCO 4 (FO 2 - Unforeseen Conditions at Entrance 1)
DSC Areas demolished at Entrance Driveway 1 contained A/C paving that was thicker than shown on the drawings.	\$8,939	12/22/09 1 CCO 1 (Thick Pavement Removal)

168 CCO 188 Sawout & Remine Pavement and Excavale Baddiff per PG&E Requirement 169 CCO 109 AT&R Requirements at MRF Telephone Baddoard 160 CCO 105 Excavale MRF Boswela A round Utilities 161 CCO 105 Excavale MRF Boswela A round Utilities 162 CCO 105 Excavale MRF Boswela A round Utilities 163 CCO 105 Exmish and Install Five New Cast Ion Downspouts at MRF 162 CCO 105 Eminsh and Install Fore New Station Expansion Slab 163 CCO 105 Emish and Install Condensate Drain in MRF Electrical Room 165 CCO 105 Acid Dowels to Existing Transfer Slation Expansion Slab 164 CCO 105 Remobilization for MRF Palm Tree Removal 165 CCO 105 Remobilization for MRF Palm Tree Removal 167 CCO 107 Caltionnal Title 20 Lighting Revisions 168 CCO 105 MRFF Northeast Curb Modifications 168 CCO 105 MRFF Northeast Curb Modifications
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اماما
بإرا
J
CCO 157
er to MRF Zone
155 CCO 155 MRF Electrical Force Account Work: Temp Power Removal to Lighting
COO 154 COINECT Water Line to Dast Readon
220
CCO
152 CCO 152 MRF Fire Connection: Furnish New Backflow Preventor to meet Cal Water Require
151 CCO 151 Raise Existing Manholes to Grade at MRF
130 CCC 130 Add Nebal 13 Resilboth Stab & Screen Wall
CO 450 Add Bahar To Bastroom Slah & Saraaa Wall
CCO 149 Add Conc
₽
147 CCO 147 Add Backing for Seismic Joint Cover at MRF
146 CCO 146 Remove Officiale III Colling With Ductuality
146 COO 146 Deposition of Constant in Conflict with Dischark
145 CCO 145 Deployment of Shade Screen at TS Exterior
144 CCO 144 Remove Sheetrock & Framing at Landing 413
143 CCO 143 Replace Existing Equipment at 18
CO 142 For Frigiting Ferrimment of TS
142 Furnish & Install Two-Piece Paranet Ca
141 CCO 141 (Add Data Port & Receptacles in Room 410)
140 CCO 140 (Add Data Port & Relocate Receptacles at the MRF)
139 COU 139 (Sidewalk Helidi System at Emily z Sidewalk)
300
t Kit for Water Heater N
CCO 137 (Revise Door Hardware (Door 89) per
136 CCO 136 (Raise Existing Utilty & Manholes to Grade at MRF Bldg)
135 CCO 135 (Finish Drywall and Elect. At Door 88 of MRF Bldg)
134 CCO 134 (MRF Fire Conn: Replace Existing RPFBF Whew 826YD)
133 CCC 133 Strapping for Line Failers 13
CCO 132 Stranning for Liner Banch
132 CCO 132 Stranning for Liner Panels MRF
131 CCO 131 Furnish & Install Metal Liner Panel at TS Push Wall Line 7.0 to 8.5
130 CCO 130 (Rough in Work for Garbage Disposal Power Supply in Breakroom)
129 CCO 129 (Modifications to Subgrade Material at Entrance 2 Driveway)
128 CCO 128 (Installation of Water Line for Misting Equipment at MRF Bidg)
ACC (INCOME) TOO
Modify HSS Rea
126 CCO 126 (Lateral Bracing for Light Gauge Framing at Elevated Lobby Walls)
124 CCO 124 (Contaminated Dirt Off Haul MRF Building Site)
123 CCO 123 (Delta 8 Transfer Station PEMS Structural Changes & Foundation Mods)
122 CCO 122 Install Framing for Exterior Paneling & Vertical Shades at 1S
121 CCO 121 (Energize Bay Lighting with Lemp. Power from Scale House)
000
COO 110 (Addition of Two Data Borts & Conduit Bouting at Storage Ba
118 CCO 118 (Renair Work for Damaged Eiber Baler PVC Coated Conduits)
CCO 117 (
116 CCO 116 Elevator Shaft Power Receptacle
115 CCC 115 (Relocate & Replace Type W3 Light Fixtures at MRF Bidg)
CCO 114 (DOORS & Hardware a
COO 110 (Addition of the Case II of Company Reports, 1907 of Continue of Case II of Company Reports, 1907 of Case II of C
113 CCO 113 (Addition of two cast iron downshouts Book & conflow drains - TS)
112 CCO 112 (Addition of Four Knox Boxes for Fire Dept Access to Site)
108 CCO 108 (Push Wall Deletion from Grid Line 3 to 7.0 at TS)
107 CCO 107 (Canopy Revisions at the MRF Admin BLDG)
106 (Add Supports for Condensing
Addition of Addressable Sillok
CCO 105 (Addition of Addressable Smoke Detector at EAC
Carlos) & BAAOMD
103 CCO 103 (Bead Blast Existing Floor - TS Room 110 and 112)
eptacle - TS
L
100 CCO 100 (Utilize High Early Mix at MRF NE Quadrant – FO 28)
00(1)

SBWMA BOD PACKET 03/24/11

MRF Single Stream - Fiber Sort System Installation



Transfer Station S Self haul Area Concrete Pour



MRF Administrative Building Exterior





STAFF REPORT

To: SBWMA Board Members

From: Cliff Feldman, Recycling Programs Manager
Date: March 24, 2011 Board of Directors Meeting

Subject: Update on Recology Commercial Recycling Outreach Efforts

Recommendation

This is an informational report and no action is necessary.

<u>Analysis</u>

Recology San Mateo County (RSMC) is no longer required to submit monthly statistics on its commercial recycling activities; however, the company is required to submit a quarterly status report on this program per section 9.06.N of the Franchise Agreement(s). Even though a monthly update is not contractually required, the company has agreed to provide the status of some key commercial recycling metrics each month. Below is an example of the information that Recology plans to submit monthly for this staff report to the Board, and staff will be continue working with Recology in the near future to determine what other pertinent information should be provided on a monthly basis.

February 2011Recology Commercial Recycling Outreach Program Highlights

- 5 new Compost customers subscribed to service
- No report on the number of Recycle customers
- 219 commercial recycling brochures and posters were distributed.
- 300 internal recycling containers were distributed.

Staff has commenced monthly meetings with Recology on commercial recycling and have requested additional analysis on profiling the commercial customer base and the new accounts that were added during the Recycling Blitz. In addition, Staff has requested information related to the internal metrics used to measure the relative success and cost effectiveness of its commercial recycling outreach (sales) efforts. Once this critical information and analysis is provided and reviewed by Staff, we plan to move forward with execution of several aspects of our Commercial Recycling Communications and Outreach Plan.

Background

On April 22, 2010, the Board adopted Resolution No. 2010-14 approving the Commercial Recycling Agreement between RSMC and Allied Waste/Republic Services. This agreement transferred Allied's commercial recycling outreach program to RSMC commencing on July 1, 2010. In addition, RSMC moved its commercial recycling staff into the Shoreway Administration building on this date.

The Member Agencies Franchise Agreements with RSMC required the company to commence the first new program, the Recycling Blitz Commercial Recycling Campaign, also on July 1, 2010. RSMC's Recycling Blitz Plan and the SBWMA Commercial Recycling Communications and Outreach Plans were shared with the Board in May 2010. These plans outline the next steps regarding stepping up efforts to increase diversion from the commercial sector in the near term.

Commencing with Recology's first quarterly report due on April 30, 2011, the company is required to submit with each quarterly report a detailed update on its commercial recycling program outreach efforts. This requirement is prescribed in Franchise Agreement section 9.06.N, as follows:

- "N. Commercial Recycling Promotion Program Status Report. Contractor must prepare and submit, both quarterly and annually, to Agency and SBWMA, a Commercial Recycling Program Status Report. The Commercial Recycling Program Status Report shall include, but not be limited to:
 - 1. A summary of training and professional development activities for the Commercial Recycling Promotion and supervisory staff.
 - 2. A description of the strategy and overall approach to attract and retain a high quality and effective Commercial Recycling Promotion Program and supervisory staff.
 - 3. A description and status of meeting the goals and objectives for the Commercial Recycling Promotion team and how these goals and objectives are tied to the compensation incentive plan. (Contractor must explain how the stated goals and objectives will be accomplished if no compensation incentive plan is used.)
 - 4. A description of Contractor's sales strategy for maintaining and/or expanding the existing Commercial Recycling account base and diversion levels.
 - 5. A description of the services provided to the Commercial and Agency Facility sectors.
 - 6. A detailed accounting of diversion statistics for the Commercial and Agency Facility sectors."



STAFF UPDATE

To: SBWMA Board Members

From: Recycling Staff

Date: March 24, 2011 Board of Director's Meeting Subject: Recycling and Outreach Programs Update

Recommendation

This is an informational report and no action is necessary.

Development of Recology San Mateo County Franchise Agreement(s) Summary Documents

Staff has prepared a binder containing 14 summary documents pertaining to the Member Agencies Franchise Agreements with Recology San Mateo County (RSMC). The goal of this project is to provide Member Agencies with useful tools to facilitate administration of the Franchise Agreements and to assist with educating their staff with the contents and implications of the new contracts with RSMC. Staff conducted three well attended workshops to present the information contained in these summary documents in September in Menlo Park, San Mateo and San Carlos. Extra copies of the binders were also provided to each Board Member and the documents have been posted on our website since November 2010. Staff is in the process of developing a contract compliance checklist that will be shared with Member Agencies.

Recology San Mateo County Contract Compliance Update

Staff is currently developing a standard staff report and contract compliance template that will be included with the monthly Board packet commencing in April. The company submitted its first monthly reports on February 15 and March 15, 2011 on time. The reporting requirements in the new Franchise Agreement(s) with Recology greatly exceed the requirements prescribed in the Allied/Republic Franchises. However, Allied/Republic did voluntarily report on various metrics for the last couple of years of its contract and this information was useful. Staff is working with Recology to craft a concise monthly (and then quarterly) report that is truly useful to the Board. Our mutual goal is to generate a report that provides the quantitative and qualitative information the Board wants, without being burdened by the plethora of data and information that is required to be compiled and submitted per the Franchise Agreement(s). In addition, staff will be receiving all of the back up data and reports and will regularly report to the Board on the completeness and timeliness of submittal of this contractually required data.

Curbside Inc., Door-to-Door HHW Program

The following eight Member Agencies are now participating in the program: Belmont, East Palo Alto, Foster City, Hillsborough, Menlo Park, San Carlos, San Mateo, and West Bay Sanitary District, as Foster City was included as of March 1, 2011.

Interest in the program remains strong and the company has made approximately 3,266 collections since the program started in mid-May 2010 through February 2011. Approximately 190,814 pounds of HHW material, 15,968 pounds of Universal Waste and 54,825 pounds of E-Scrap has been collected since the start of the program in May 2010. We encourage additional Member Agencies to offer the program as it provides a more convenient and cost effective option to properly recycle and dispose of a wide variety of materials (such as common HHW) than is currently available. Staff is working on a direct mail outreach piece to be sent to the residents of all participating Member Agencies later this spring to further promote and educate the residents about the service.

Mandatory Commercial Recycling Update

The State Air Resources Board and CalRecycle (formerly the California Integrated Waste Management Board) held a workshop in January 2011 soliciting comments on the draft mandatory commercial recycling regulation developed per AB32 – California's Global Warming Solutions Act. While the draft regulation states that it "mandates" commercial recycling statewide, the practical application of it simply results in mandating that agencies promote commercial recycling. The reason for this is that it is left up to each individual jurisdiction across the State to decide whether or not it wants to mandate commercial recycling and the regulation does not specify that any enforcement actions will be conducted by the State. What this means to our Member Agencies is that we are well positioned to comply with this new State regulation given the scope of the Franchise Agreement with Recology and RethinkWaste's plans to promote commercial recycling. A more detailed staff report was included in the February 24, 2011 Board agenda packet.

CartSMART Collection Services Public Education and Outreach

Public education and outreach efforts on the new CartSMART services continue through TV commercials, newsletters and advertising. RethinkWaste staff will continue working with Recology and Member Agencies to tailor messaging and materials based on their input and feedback from customers to help address any issues that arise, such as cart placement or putting carts away after service.

The public education campaign has included outreach materials that were sent or delivered to residents and commercial customers, a media plan and a community engagement plan.

To date, the following items have been produced and/or completed:

- Graphics for residential and commercial carts
- Residential Garbage Cart Selection brochure
- Recology commercial brochure
- Recology "How To" DVDs (single-family, multi-family and commercial)
- Graphics for commercial bins
- Dock signs for commercial accounts
- Summer "rethinker" newsletter
- Theater spot targeting residents to promote single stream recycling and CartSMART
- Direct mail piece for commercial accounts, notifying them of new service provider, services and containers
- Residential starter kit/piece to be delivered with the carts, providing information on new services
- Print ads promoting Community Meetings
- Print ads promoting delivery of new residential carts
- Compost Card piece delivered with the kitchen pails
- Kitchen pail labels
- Bus and train ads
- Fall "rethinker" newsletter
- Talking Carts TV commercial in English
- Talking Carts TV commercial in Spanish
- Commercial bill insert, providing basic BizSMART information, including changes in service provider, new services, containers and benefits of recycling and composting
- Banners for downtown areas
- CartSMART video contest
- Twitter
- Winter "rethinker" newsletter

In addition, the RethinkWaste website has been updated to include information on the residential CartSMART services and BizSMART collection services for multi-family and business customers. RethinkWaste has also launched its Facebook and Twitter pages to promote program information and new services. To date, the Facebook page has 170 "fans" and followers of the site are starting to be more interactive on the page by posting questions and feedback. Staff included a promotion in the winter "rethinker" to generate additional followers of the Facebook and Twitter pages. Our Facebook page can be found at www.facebook.com/rethinkwaste, and the Twitter page is located at www.twitter.com/rethinkwaste.

Household Battery and Cell Phone Curbside Recycling Collection Program

The monthly average of batteries and cell phones collected through the curbside recycling program in 2010 was 4,400 pounds with 3,236 pounds collected in December 2010. A total of 53,000 pounds was collected during 2010, which is slightly less than the 57,000 pounds collected in 2009. In January 2011, Recology's fist month of collection, approximately 6,670 pounds of household batteries and cell phones were collected which equates to a 31% increase over the quantity collected in January 2010. In February 2011, Recology collected approximately 4,180 pounds of household batteries and cell phones.

RethinkWaste Website

The RethinkWaste website continues to be updated with information on the CartSMART residential collection and new BizSMART commercial collection services. Staff's goal is to make the website the go-to source for information on future collection services.

The site averaged approximately 940 visits per week since the last Board meeting, of which nearly 62% were new visits. There is a noticeable increase in the number of visitors to the site following the release of the Board packets, residents receiving the rethinker newsletter, or other RethinkWaste outreach promotion (i.e., E-Scrap Events). The most commonly visited sections of the site during this period were "Video Contest," and "Beyond the Cart."

rethinker Newsletter

Staff is working on the Spring 2011 rethinker. The focus of the issue will be what items are accepted in the blue Recycle Cart and other program reminders, and how to properly manager household hazardous waste.

C&D Recycling Update

Staff released a model staff report and recommendations to revise Member Agencies C&D ordinances on February 6, 2009. The goal of the revisions is to set high standards for all of the ordinances in an effort to increase C&D diversion throughout the RethinkWaste service area. Addressing the issue of C&D recycling regionally will likely be the most effective strategy to ensure high levels of diversion, even though Member Agencies are responsible for administering and enforcing their respective C&D ordinances. A variety of recommendations were submitted to Member Agencies; however, one overarching recommendation that has proven to be effective in other communities (e.g., San Jose) is to require contractors to deliver material to certified C&D recycling facilities. Since Member Agencies have recently shown an interest in including this requirement, RethinkWaste has budgeted funds for FY 2011 to annually publish a list of approved C&D processing facilities that are certified to accept material. Staff anticipates commencing this project during the first half of 2011.

Schools Recycling Program Update

Staff has purchased 32 gallon recycling carts for distribution to schools in the RethinkWaste service area. The program is implemented with assistance from RecycleWorks staff who has delivered 154 carts on behalf of RethinkWaste.

Compost Giveaway Events

Staff is in the process of setting up the first of the Spring Compost Giveaway Events for April. Menlo Park is interested in having an event, and staff is working with San Mateo to set up their weekly giveaway events. Since the system to deliver compost has changed with SBR and Recology taking over operations from Allied in 2011, staff has negotiated the costs to provide compost for Agency's events and detailing the program parameters.

Staff has negotiated a price of \$100 for SBR to provide a back-haul delivery of approximately 50 cubic yards of compost to a Member Agency's Compost Giveaway Event. This would consist of a loose load of compost delivered Monday through Friday during SBR's regular hours of operation that the transfer trucks are running. If a Member Agency requires a smaller load of compost or a Saturday delivery, those would be delivered by Recology and costs would be based on those prescribed in the Recology Franchise Agreement(s) Attachment Q, as follows:

Additional Compost Material Delivery	Section 5.11	A – \$125.00 B – \$250.00	A – one-way only delivery (compost only left on-site) B – Round-trip delivery (Drop-Box left on-site)
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Thus, in summary, if an Agency wants a full (or perhaps half full) load delivered loose on Monday through Friday, SBR will back-haul this directly to a Compost Giveaway Event site for \$100 and the Agency will be directly billed by SBR for this service. If an Agency wants a Saturday delivery, or prefers to have the compost contained in a drop-box, then the cost will be \$100 from SBR (billed directly by SBR) plus \$250 from Recology (included in the annual revenue reconciliation with Recology).

Staff will be sending a form via email for Member Agencies to schedule their RethinkWaste spring Compost Giveaway Events.

In addition to the Compost Giveaway Events organized by RethinkWaste, the Member Agencies are reminded that each Agency is entitled to annually organize directly with Recology the distribution of 30 cubic yards of compost in one or two deliveries at no additional cost. The details of these Bring Your Own Bucket Compost Giveaway Events are found in section 5.11 of the Franchise Agreement with Recology.

<u>Approved Operating Agreement Amendments or Recommended Recology Franchise Agreement Administrative Changes</u>

Agreement	Board Approval	Staff Recommendation	Description
Operations Agreement	October 28, 2010	N/A	Amendment No. 1. Is now effective as eight Member Agencies have approved the Amendments.
Franchise Agreements	N/A	Via email on October 20, 2010.	Requested Member Agencies send letter accepting interest waiver offer from Recology on potential 2011 revenue requirement shortfall if rates approved after January 1 but before March 1, 2011.
Franchise Agreement(s) Franchise	N/A	Via email on December 9, 2010 Via email on	Overage "bags" change to "tags"; SBWMA relief from purchasing battery/cell-phone bags; On-call bulky item collection temporary schedule for January 2011. Member Agency self haul remittance of payments to
Agreement(s)	N/A	December 13, 2010	SBWMA by Recology.



APRIL - JULY 2011 BOARD AGENDA ITEMS (SUBJECT TO CHANGE)

April 28, 2011

- Receipt of Recology Monthly Metrics
- Shoreway Masterplan Update
- Discuss Employee Compensation (Closed Session)

May 26, 2011

- Receipt of Recology Monthly Metrics
- Approval of Quarterly Investment Report as of 3/31/10
- Review of Draft FY 2012 Budget
- Executive Director Performance Review (*Closed Session*)

June 23, 2011 (Board meeting at Shoreway)

- Receipt of Recology Monthly Metrics
- Resolution Approving Power Purchase Agreement with Fresh Air Energy II, LLC
- Resolution Adopting FY 2012 Budget
- Resolution Approving New Insurance Coverages at Shoreway Environmental Center

July 28, 2011

- Receipt of Recology Monthly Metrics
- Review of Allied Waste 2010 Closeout Rate Applications for Collection and Shoreway Operations