

**MWRA Board of Directors Meeting
October 17, 2012
Voting Summary Sheet**

Item Name	Type	Notes	Vote	Discussion Highlights	Attachments
Approval of Minutes	n/a	n/a	Unanimous		
Report of the Chair	n/a	n/a	n/a	*	
Report of the Executive Director	n/a	n/a	n/a	*	
PCR Amendments–October 2012	Approval	Authorized the amendments to the Position Control Register	Unanimous		
Appointment of Program manager, Wastewater Operations	Approval	Approved the Executive Director’s recommendation to appoint Daniel R. Thompson to the position of Program Manager Annual salary of \$95,932.00	Unanimous		
Lawson Professional Services: Infor Global Solutions	Contract Award	Approved the award of a sole source purchase order for professional services to implement three eProcurement modules (Contract Management, Strategic Sourcing and Supplier Order Management) Not to exceed \$276,701.00	Unanimous	*	
Technical Assistance Consulting Services, Deer Island Treatment Plant: AECOM Technical Services Inc., Contract 7399, Fay Spofford & Thorndike, LLC, Contract 7400; and Brown and Caldwell, Contract 7434 (ref. WW B.2)	Contract Award	Approved recommendation of the Consultant Selection Committee to award three separate contracts to AECOM Technical Services, Inc., Fay Spofford & Thorndike, LLC, and Brown and Caldwell Each in an amount not to exceed \$1,600,000 Contract term of three years from the Notice to Proceed	Unanimous	*	
Supply and Delivery of Soda Ash for the John J. Carroll Water Treatment Plant: OCI Chemical Corp. WRA-3518	Contract Award	Approved the award of Contract WRA-3518, a three year purchase order contract for the supply and delivery of soda ash to the John J. Carroll Water Treatment Plant Amount not to exceed \$11,700,000	Unanimous	*	
Lynnfield/Saugus Pipeline: Albanese Brothers, Inc., Contract 6584, Change Order 23	Contract Amendment/Change Orders	Approved Change Order 23 to Contract 6584, Lynnfield/Saugus Pipeline Construction, with Albanese Brothers, Inc. Amount not to exceed \$300,279.37 Increasing contract term from \$5,998,452.05 to \$6,298,731.42 Extending contract term by 7 calendar days	Unanimous	*	
FY13 Financial Update and Summary as of September 2012	Information	YTD variance=–\$4.3 million underspent \$3.3 million transferred to defeasance account CIP=–\$4.9 million (12.4%) over budget	n/a	*	
Pretreatment Program Annual Industrial Waste Report Number 28	Information	This year SIUs has been at 11%, which is the lowest in the history of the program. By end of fiscal year, there are only 6 facilities in significant non-compliance. There are various facilities getting hit with a penalty. Staff plans to investigate any violation, a notice is sent to fix it and if not corrected, a penalty is issued.	n/a	*	

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Report on Incident at the Pelletizing Plant in Quincy	Information	Director of Deer Island Treatment Plant Dan O'Brien gave a presentation on the fire incident at the Pelletizing Plant in Quincy resulting in minor equipment damage and response by the Quincy Fire Department. Normal plant operation resumed within 72 hours with the approval of the Quincy Fire Chief.	n/a	*	
Update on Residuals Processing Facilities-Technology Option Assessment, Contract 7147A	Information	In anticipation of the expiration of the contract with New England Fertilizer Company in 2015, there is a study scheduled to be complete in July 2013 with a goal of creating a shortlist of viable options to optimize MWRA's residual processing facilities at Deer Island and Quincy	n/a	*	
Update on Lead and Copper Rule Compliance – Fall 2012	Information	It was reported by MWRA staff that MWRA system-wide levels in September 2012 sampling round were below the Action Level of 15 parts per billion again for the 17 th consecutive sampling round.	n/a	*	

Administration and Finance
 Wastewater
 Water
 Personnel
 * Link to Advisory Board position



MWRA Advisory Board Summary
of the
MWRA Board of Directors Meeting
Wednesday, October 17, 2012

- *Please note that this serves to highlight active discussion on agenda items at the Board of Directors meeting.*
- *Language directly from the staff summary is highlighted in grey, while the discussion remains in plain text.*
- *Please see the attached summary sheet for a complete list of Board actions.*

A meeting of the Board of Directors of the Massachusetts Water Resources Authority was held on October 17, 2012 at the Charlestown Navy Yard. **Present:** Chair Rick Sullivan and Joel Barrera, Gubernatorial Appointees; John Carroll, Andrew Pappastergion and Joseph Foti, Advisory Board Representatives; Vincent Mannering, Kevin Cotter, and Brian Swett, City of Boston Representatives; Jack Walsh, City of Quincy Representative; Paul Flanagan, Town of Winthrop Representative. **Absent:** Michael Gove, Gubernatorial Appointee.

Report of the Chair

Chairman Rick Sullivan noted that it was time for the election and appointment of MWRA Officers and Committee assignments. To that end, the Board voted to (1) designate the October 17, 2012 meeting as the Annual Meeting which, as provided in the Authority's by-laws, will be deemed a special meeting of the Board for the purpose of election of officers; (2) elect John Carroll as Vice-Chairman of the Board; (3) appoint Joseph Foti as Secretary of the Board and Bonnie Hale and Rose Marie Convery as Assistant Secretaries; Thomas Durkin as Treasurer and member of the MWRA Retirement Board for a three-year term, and Matthew Horan and Kathy Soni as Assistant Treasurers; and (4) ratify the appointment of Board members to standing committees, as presented and filed with the records of the meeting. New Committee Chairs will be appointed approximately every two years.

Chairman Sullivan stated that Dr. Barten's Forestry Report has been forwarded to the Science and Technical Advisory Committee (STAC). A letter from the Advisory Board recommended shortening the timeframe for the report to be released. The response will be a week from today and the Board has not had any corrections. Mr. Sullivan explained that he made a personal commitment to Executive Director Joseph Favaloro and the MWRA Advisory Board to review it before it was made public.

Mr. Favaloro sat before the Board and also introduced Advisory Board Chair Katherine Dunphy. Mr. Favaloro stated that there was frustration that the report has been held hostage by one individual. He explained that Chairman Sullivan along with DCR and EOEEA staff have all worked to get the report completed. The frustration has been that the Professor establishes timelines to deliver the report and has yet to meet them. The report should have been produced over the course of a few months but it has been almost three years and there is still not a report available. As you are well aware, the Advisory Board fights for

every nickel. There has been over \$1 million lost from logging activities and as a result, the frustration has been building.

Mr. Favalaro asked what will happen on October 24th, the day after the new deadline, if the report does not get produced to the public. Chairman Sullivan stated that he is convinced that the report will move forward. He explained that the Advisory Board will have the opportunity to view and comment on the report if they wish to do so. Mr. Favalaro stated that he would like to move the public process forward, rather than lose time presenting it before the full Advisory Board for review. Chairman Sullivan concurred.

Report of the Executive Director

MWRA Executive Director Fred Laskey stated that several months ago staff rolled out an experimental use of iPads. There were a number of internal IT issues to resolve in terms of how to make it work and how to make it convenient. The MWRA is now in a position to say to the Board that if it's in member's interest to continue using them, it can be supported. Similar to the e-Procurement discussed this morning, it's the wave of the future. Mr. Laskey suggested doing it both ways for the first couple of months.

Board member Joel Barrera stated that one of the holdups had been checking email, etc. Mr. Laskey stated that the policy would be given to the members to use it, although members would self-police, given that it's an Authority piece of equipment. Mr. Barrera stated that he presumed that it costs a lot of time and money to invest in the product but the payback is there. Mr. Barrera asked about keeping archives. MWRA Communication Director Ria Convery stated that it can be stored on the device.

Mr. Laskey stated that recently he was informed that the MWRA will receive a \$264K Homeland Security grant for facilities and Smartboard upgrades.

Mr. Laskey discussed the Prison Point Combined Sewer Overflow (CSO) Facility. He explained that in a storm this is one of the MWRA's larger CSOs. There is a hole due to corrosion in the pipe and staff was able to weld in place a patch on the overall pipe. One of the best ways to fix this is to put a structural liner inside of it. The other and probably most costly option is to replace all the piping. Chief Operating Officer Michael Hornbrook stated that the construction of the line dates back to the MDC in 1980. Mr. Hornbrook stated the age of the facility is 75 years old. Mr. Laskey explained that there are huge environmental issues and impacts if this were to give out. Mr. Hornbrook stated that staff is getting quotes for replacement.

Mr. Laskey explained that the Weston Aqueduct in Framingham is the first section of public trails that will be open; this is a positive development and staff is hoping for good press.

There was also mention of a news article on Southfield and the dissatisfaction the residents have had with the rise in water rates. Staff has been asked to go to Southfield and discuss how much it would cost them to come onto the MWRA's system; Southfield is paying three times more than the City of Boston rates. This discussion could tie with Tri-Town and whether water could be wheeled through Braintree to Southfield.

There have been "scare pamphlets" distributed to ratepayers claiming that there was chlorine in the water, which could be harmful to people's health. The information has been false and the MWRA has posted a message on its webpage announcing this. The issue is now being handled by the Attorney General's Office and perhaps more action will be taken down the line.

Mr. Barrera stated that there was a lot of activity with regard to the aqueduct trails and a visit was made to Natick last week about the Lake Cochituate aqueduct for a similar purpose. Mr. Laskey stated the location is very nice.

Approvals

PCR Amendments-October 2012

The Board voted to approve the amendments to the Position Control Register (PCR), as presented and filed with the records of the meeting.

Appointment of Program Manager, Wastewater Operations

The Board voted to approve the Executive Director's recommendation to appoint Daniel R. Thompson to the position of Program Manager, Wastewater Operations in the Operations Division (Unit 9, Grade 29) at an annual salary of \$95,932.00 to be effective on the date designated by the Executive Director.

Contract Awards

Lawson Professional Services: Infor Global Solutions

The Board voted to approve the award of a sole source purchase order for professional services to implement three eProcurement modules (Contract Management, Strategic Sourcing and Supplier Order Management), which were previously approved by the Board of Directors for procurement in April 2012 as part of the Integrated Financial, Procurement and Human Resources/Payroll Management System Maintenance and Support contract, to Infor Global Solutions (formerly Lawson Associates, Inc.), and to authorize the Executive Director, on behalf of the Authority, to execute and deliver said purchase order contract in an amount not to exceed \$276,701.00.

Director of Administration and Finance Rachel Madden stated that Infor Global will facilitate a transition to three modules previously brought to the Board in the spring. Staff will be moving from a paper-intense process to a fully automated process. The out-of-date software will be replaced and this will help expedite the auditing process.

Mr. Laskey stated this is completely consistent with the MIS strategic plan. Staff was told by Infor Global Solutions that the MWRA was "addicted to paper" and this would be the quantum leap forward in this regard. The current procurement process requires a significant amount of paper.

Board member John Carroll stated that this approach does not save paper because people will continue to print them. Mr. Laskey stated that a lot of engineering firms send documents electronically these days. Ms. Madden stated that most people use PDF files now.

Mr. Barrera asked if this was sole source, is the MWRA subject to Chapter 30B? Ms. Madden stated that this was correct. The MWRA's internal policies and procedures reflect the statute, but the MWRA is not technically beholden to follow the provisions of Chapter 30B.

Board member John Walsh stated that he didn't see any amount of savings in the summary. Mr. Laskey explained that it was pulled because he felt it was hard to quantify. It was about \$200 thousand a year as

estimated by staff. Ms. Madden stated that the postage is quantifiable, but also the number of hours spent copying paper, etc; the hours are calculated but it's not savings per se, but rather allows staff to redistribute hours toward other efforts. Ms. Madden explained that MIS Director Russell Murray has been great about attempting to quantify any savings from implementation of the MIS plans. Ms. Madden stated that it is a win-win because it saves money and it is good for the environment, which will hopefully increase competition.

Mr. Murray stated that there were two pieces of training, which included a support team and then users. The schedule is now set for September of 2013.

Technical Assistance Consulting Services, Deer Island Treatment Plant: AECOM Technical Services Inc., Contract 7399; Fay, Spofford & Thorndike, LLC, Contract 7400; and Brown and Caldwell, Contract 7434

The Board voted to approve the recommendation of the Consultant Selection Committee to award select AECOM Technical Services, Inc., Fay, Spofford & Thorndike, LLC, and Brown and Caldwell, to provide as-needed technical assistance consulting services for the Deer Island Treatment Plant and to authorize the Executive Director, on behalf of the Authority, to execute Contract 7399 with AECOM Technical Services, Inc., Contract 7400 with Fay, Spofford & Thorndike, LLC, and Contract 7434 with Brown and Caldwell, each in an amount not to exceed \$1,600,000, and for a term of three years from the Notice to Proceed.

Mr. Hornbrook explained that during the past 13 years, MWRA has awarded several as-needed technical assistance consulting contracts to supplement in-house staff on high priority or unanticipated projects at Deer Island Treatment Plant, and to provide expertise on short-term assignments requiring specialized engineering disciplines that are not cost effective for MWRA to maintain on an in-house basis.

Board member Joseph Foti asked how these contracts were structured. Manager of Engineering Services Richard J. Adams stated there were three contracts. In the past, staff has taken a look at the strengths and weaknesses of each potential firm. If a firm was the strongest in a particular task or area, that firm would get chosen for the services. Mr. Adams also stated that firms are also pre-qualified and when an assignment comes up, staff brings that firm on board. Director of Deer Island Dan O'Brien stated that each firm is awarded a contract with an upset limit.

Mr. Hornbrook stated that staff does have other engineering awards; there is not a list of prequalified firms. Firms are qualified and awarded for each contract.

Mr. Foti stated that three firms are prequalified; they may make \$100 thousand a year or maybe nothing at all. Assistant Director of Administration and Finance Michelle Gillen stated that staff prequalifies about six firms that submit bids and then awards three firms for an as-needed basis. Mr. Laskey stated that these were for smaller jobs. This saves staff the trouble of going through a second procurement process because staff is familiar with the firm's abilities. Mr. Foti stated that he was not a fan of setting a contract for a certain amount and picking one firm and not contacting the others. Mr. Hornbrook stated that with every task, staff would have to sign a separate contract each time if the process did not occur this way. There could be 40 contracts instead of one. Ms. Gillen stated that there is a cost associated with each procurement being done. Mr. Foti again stated that he was not comfortable with this approach.

Mr. Laskey stated that this was teed up for the last Board meeting, but there was a challenge on the bid. This practice has worked for staff for many years and has saved a lot time and money.

Mr. Carroll asked how staff got to that number. Mr. Hornbrook explained that staff used two originally, but decided to expand it to three to get some competitive pricing. Staff also wanted to make sure that one of the winners was a lead designer for the facility.

Mr. Barrera stated that he thinks it makes things so much easier taking this approach than going out to bid all the time.

Supply and Delivery of Soda Ash for the John J. Carroll Water Treatment Plant: OCI Chemical Corporation, WRA-3518

The Board voted to approve the award of Contract WRA-3518, a three-year purchase order contract for the supply and delivery of soda ash to the John J. Carroll Water Treatment Plant, to the lowest eligible and responsible bidder, OCI Chemical Corporation, and to authorize the Director of Administration and Finance, on behalf of the Authority, to execute and deliver said contract in an amount not to exceed \$11,700,000.

Board member Vincent Mannerling asked why the contract would be for three years. Mr. Hornbrook stated that staff is looking for a firm commitment on price and delivery for three years and wants a firm commitment.

Contract Amendments/Change Orders

Lynnfield/Saugus Pipeline: Albanese Brothers, Inc., Contract 6584, Change Order 23

The Board voted to authorize the Executive Director, on behalf of the Authority, to approve Change Order No. 23 to increase the amount of Contract No. 6584 with Albanese Brothers, Inc., Lynnfield/Saugus Pipelines Project, in an amount not to exceed \$300,279.37, and to extend the time for completion by seven calendar days to February 14, 2013; and to authorize the Executive Director to approve additional change orders as may be needed to Contract No. 6584 in amounts not to exceed the aggregate of \$250,000.00, in accordance with the Management Policies of the Board of Directors.

Board member Andrew Pappastergion stated that he was concerned with one of the design changes. Mr. Hornbrook explained that staff has compiled a list of all change order items in this contract that have resulted from an error or omission on the part of the Design Consultant, Fay, Spofford & Thorndike, and they have been notified in writing, of the current status of these findings and of MWRA's intention to seek appropriate cost recovery. Staff has informed the Town of Saugus of the costs associated with this change order and expects the town will pay its portion of the costs in accordance with the Memorandum of Agreement (MOA).

Mr. Laskey stated that the goal is to get this completed by the winter moratorium. There were some challenges with the project and there were limited hours that the work could be done on Route 1 in Saugus. The change orders were needed.

Information

FY13 Financial Update and Summary as of September 2012

Ms. Madden gave a financial update and variance highlights through September 2012. Ms. Madden explained that every year staff waits until the close of the first quarter to present this update to the Board. The Authority is still continuing the practice of setting aside favorable Capital Finance variances into the

Defeasance Account established in FY12, with the intention of using these funds to defease debt and provide rate relief in future years.

Mr. Walsh asked for specifics on maintenance overspending. Mr. Hornbrook explained that almost half of the overspending was due to maintenance materials that were ordered last fiscal year but did not arrive until this fiscal year. It was a carryover expense and he noted that last year this line item was under spent.

Mr. Barrera asked if there was a target number for “funded positions.” Ms. Madden stated that the FY13 target headcount is 1,200 but it is funded at 1,195 to account for the vacancy rate or employees that go off the payroll for periods of time.

Mr. Barrera asked if the MWRA is in the execution part of the staffing study. Mr. Laskey stated yes and explained that with qualification and using attrition, makes it an imperfect science. Staff is heading in the direction to scrutinize every position to see what can be eliminated or consolidated into another position.

Mr. Mannering asked a question about the defeasance account. Ms. Madden stated that the Board’s authorization was to take any favorable variance in the capital finance line item. Last year, for example, it was a mix of delays in State Revolving Fund (SRF) borrowing as well as variable rate debt, although the current variance was largely due to variable rate debt.

Mr. Laskey stated that the multi-year rate strategy, defeasance, etc. is becoming more and more important. There has been some frustration from MWRA member communities over high rate increases. It is important to bring those rate increases down and defeasance along with low interest rates are a major tool in keeping them down to avoid a rate revolt.

Pretreatment Program Annual Industrial Waste Report Number 28

Deputy Chief Operating Officer Rick Trubiano summarized the pretreatment program, which also can be found in the staff summary. Director of TRAC Carolyn Fiore highlighted that the MWRA is required to submit a report to EPA every fall. There is a draft copy ready and will be left for the Board to review. Ms. Fiore explained that there have been 213 Significant Industrial Users (SIUs) as defined by EPA and have to be inspected every year. By the end of the year, it will reach 204 SIUs; it goes up and down every year.

Ms. Fiore highlighted that staff is working hard to get the number of SIUs in significant non-compliance much lower. This year’s SIUs have been at 11%, which is the lowest it has been in the history of the program. There are 90% of MWRA permits that have to be issued in 120 days, 100% in 180 days; staff has worked hard to turn them around quickly for the users; 97% within 180 days is the best the MWRA has ever done. A couple may take longer because each permit is unique. By the end of the fiscal year, there are only six facilities in significant non-compliance. A fair amount of staff is devoted to monitoring and sampling.

The issue is that permit charges are on an annual basis in November. Last year, staff was at a 99% collection rate; about \$2 million in permit fees were collected.

Mr. Barrera stated that the MWRA increased the charges a couple of years ago; can staff remind the Board what the cost recovery was three to four years ago? Ms. Fiore explained it was around 52-54% but another analysis of the charges needs to be conducted in order to address whether or not the charges need to go up. Mr. Trubiano stated that last year the rates increased and this will be reevaluated.

Mr. Barrera asked who is getting hit and what are the penalties? Ms. Fiore explained that a variety of facilities are getting hit. There were hospitals with mercury issues but they are in the process of addressing

it right now. The plan behind staff's enforcement scheme is to escalate it. There is a violation and then an order for a notice of non-compliance, which requires a plan and a schedule to fix it; if that didn't fix it, then staff moves on to a penalty. Most are resolved but some need more work. Staff gets notice if any are not in compliance. Mr. Laskey stated that sometimes staff has protracted disputes.

Mr. Foti asked about 99% recovery. What happens with the 1%? How is that recovered? Ms. Fiore stated that the MWRA issues a notice of permit revocation, which basically tells the facility they'll have to shut down. Often times, it just goes away when a facility goes into bankruptcy.

Report on Incident at the Pelletizing Plant in Quincy

Director of Deer Island Treatment Plant Dan O'Brien gave a presentation on the fire incident at the pellet plant in Quincy, which can also be viewed on the staff summary.

Mr. Foti stated there were not any checks and balances to see how much goes into the recycling bin. Residuals Operations Manager Carl Pawlowski explained that on a normal operation, this would fill up the recycling bin and it did not have to divert. Usually the operator diverts, now staff has it programmed to automatically divert.

In response to a question from Mr. Pappastergion, MWRA explained that the recycled material gets coated and then made into a pellet; without recycled material, a pellet cannot be made. It's a huge and important part of the process.

Update on Residuals Processing Facilities-Technology Options Assessment, Contract 7147A

Mr. Hornbrook gave part of a presentation on the residuals technology selection.

Mr. Laskey stated that in 2015 the contract expires and staff has to decide what to do moving forward. This is one of the most important strategic decision that needs to be made in the next two years, and this is the first piece of it.

Mr. O'Brien stated that staff will come to the Board with regular updates and to talk about specific topics in the overall study. Today's topic is co-digestion, which reduces the volume by about 50% and the byproduct is methane gas and it feeds the boilers. The value of methane is \$20 million a year currently. Co-digestion is bringing other waste material into our digesters. There are some benefits and some concern. It is still early in the process but staff will talk about it generically.

Manager of Process Control at Deer Island David Duest stated that it's basically adding highly organic waste material into the existing sewer and sludge. It's highly digestible so it produces more methane gas and would offset costs without digestion. The MWRA would be spending \$20 million more per year on the Deer Island Treatment Plant (DITP) if it did not beneficially reuse the methane gas produced by the digesters. If staff can add more it would be helpful but also good for the region as well. DEP will be banning food waste from commercial and institutional facilities to landfills.

Mr. Barrera stated that staff talks about waste; does this include meat and bones as well? Mr. Hornbrook stated anything organic, and the rules would only apply to industrial, not residential waste; this would be collected by a third party and then brought to an off-site processing center that converts it into liquid slurry and then transported by truck or barge to Deer Island. Mr. Hornbrook also stated that staff has had discussions with DEP and describes what would happen by using recycling equipment and co-digestion.

Mr. Barrera asked if this waste currently goes to private landfills or municipal. Mr. Hornbrook stated that for large institutions it would be private landfills and for residential it would be municipal landfills.

Mr. Carroll asked if there was the potential to make a lot of money from this. Mr. Laskey stated that it is conceptual at this point; there are a lot of details to work out.

Mr. Hornbrook stated that if staff moves forward with it, the MWRA will get free methane. There is not a tipping fee associated with this. The MWRA would not have the expense of the processing station.

The private industry charges institutions to take it and process it and then gives it to the MWRA for free. The MWRA gets the methane and savings as the payment. Mr. Hornbrook stated that the MWRA is getting all of the economics out of this.

Board member Kevin Cotter asked if there was a limit to how much methane can be used. Mr. Hornbrook stated yes. Mr. Duest stated that the MWRA has additional capacity as of now, but there is a limit.

Mr. Duest stated that staff is looking at options. The draft report is expected in November 2012. Staff has been in discussion with vendors, DEP and EOEEA. In addition, staff will be putting in a gas transmission system to see what our actual capacity is. Staff will be conducting a bench-scale test, it is not unlimited but it doesn't mean that a more localized option will not be recommended. Mr. Laskey stated that the MWRA got a \$60 thousand grant for this. It is clear the state is interested in taking a look at this.

Board member Brian Swett stated that he can speak from experience on the commercial side that there's a lot of money involved with this approach. Major prep food waste is going elsewhere in Boston. Mr. Swett encouraged the Board to look at residential areas as well. This would be a win-win for the ratepayers because it will cost them less to landfill.

Mr. Walsh asked if the MWRA will be able to sell more pellets. Mr. O'Brien stated that we will have additional residuals; there will be more pellets, but not as much. This will be part of the equation.

Mr. Laskey stated that one of our peers is actually asking to use garbage disposals to get food waste out of the residential landfill waste stream. Mr. Duest stated that it is globally cheaper, but more expensive for the wastewater treatment facility's costs.

Mr. Carroll stated that unless there is an absolutely clear financial benefit to the ratepayers then he would not be supporting this item. He believed there needed to be clear savings.

Mr. Barrera asked if Quincy is off the table for a location using co-digestion. Mr. Hornbrook stated that the pellet plant doesn't currently have digestion and was not looking to add it in the future.

Mr. O'Brien stated that the private sector is also considering food-only digesters. Mr. Barrera stated that the timing seemed odd. The 2014 wastes are banned, what is the time-line? Mr. Hornbrook stated that a series of steps are being taken. There is bench-testing, pilot-testing, etc., which can be all be done before the ban goes into effect; if the financial equation works out, staff could be ready in 2015. Staff stated that they would be coming back to the Board in the spring with a feasibility report.

Mr. Barrera asked about processing centers. Mr. Hornbrook stated not MWRA facilities. Mr. Laskey stated that waste management has indicated that they may need to give us financial incentives for infrastructure costs. Mr. O'Brien explained that the regulations don't apply to the MWRA but the MWRA could still benefit. It is an ambitious goal but the MWRA is trying to help and in turn get free methane. Mr. Laskey stated that if the stars align on this, the MWRA can get in a position financially to get into a

positive position on the energy side. Mr. Swett stated there is a lot of money involved with this. When methane is released and those credits can be sold, the opportunities are worth it

Update on Lead and Copper Rule Compliance-Fall 2012

Director of planning Steven Estes-Smargiassi gave an overview of the staff summary.

Project Manager of Public Health Joshua Das stated that the sample results this year were once again good. For the 17th consecutive sampling round, MWRA system-wide lead levels were below the action level of 15 parts per billion (ppb).

Mr. Carroll asked if staff knew that EPA was going to lower the action levels. Mr. Estes-Smargiassi stated that there is a general public health push to reduce lead exposure.

Mr. Sweet explained that the Centers for Disease Control (CDC) have changed the view of lead poisoning; there will be increased attention to lead levels sources. The City of Boston is active on this so this is something the MWRA should stay on top of as well. Mr. Estes-Smargiassi stated that he has worked closely with the health commissioners on this issue. He explained that lead paint is still the main source and we are not seeing water as a significant source at this time.