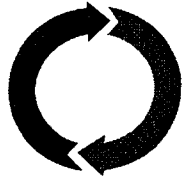


CRRA
SPECIAL BOARD MEETING
April 29, 2013



**CONNECTICUT
RESOURCES
RECOVERY
AUTHORITY**

**100 Constitution Plaza • Hartford • Connecticut • 06103 • Telephone (860)757-7700
Fax (860)757-7745**

MEMORANDUM

TO: CRRA Board of Directors
FROM: Moira Kenney, HR Specialist/Board Administrator
DATE: April 25, 2013
RE: Notice of Special Board Meeting

There will be a Special Board Meeting of the Connecticut Resources Recovery Authority Board of Directors on Monday Apr. 29, 2013, at 9:30 a.m. The meeting will be held in the Board Room at 100 Constitution Plaza, Hartford, CT 06103.

Please notify this office of your attendance at (860) 757-7787 at your earliest convenience.

Connecticut Resources Recovery Authority
Special Board of Directors Meeting

Agenda
April 29, 2013
9:30 AM

I. Pledge of Allegiance

II. Public Portion

A ½ hour public portion will be held and the Board will accept written testimony and allow individuals to speak for a limit of three minutes. The regular meeting will commence if there is no public input.

III. Minutes

1. Board Action will be sought for Approval of the Regular March 21, 2013, Board Meeting Minutes (Attachment 1).
2. Board Action will be sought for Approval of the Special Telephonic April 2, 2013, Board Meeting Minutes (Attachment 2).

IV. Management Report

1. Review and Discussion - Regarding State of Connecticut Bilateral Power Purchase Proposal and Possible Board Action (Attachment 3).

V. Board Committee Reports

A. Finance Committee Reports

1. Board Action will be sought for the Resolution Regarding the Property Division (Attachment 4).

B. Policies & Procurement Reports

1. Board Action will be sought for the Resolution Regarding an RFS with HRP for Consulting Work Associated with the South Meadows Remediation Project (Attachment 5).
2. Board Action will be sought for the Resolution Regarding an Interconnection Agreement between CRRA and CL&P Associated with the Solar Power Electric Generating Facility to be constructed at the Hartford Landfill (Attachment 6).
3. Board Action will be sought for the Resolution Authorizing Termination of the CRRA-SWEROG Agreement Effective June 30, 2013 (Attachment 7).
4. Board Action will be sought for the Resolution Regarding a Soil Delivery Contract (Attachment 8).
5. Board Action will be sought for the Resolution Regarding a Soil Delivery Contract (Attachment 9).

6. Board Action will be sought for the Resolution Regarding a Soil Delivery Contract (Attachment 10).
7. Board Action will be sought for the Resolution Regarding a Soil Delivery Contract (Attachment 11).
8. Board Action will be sought for the Resolution Regarding Ratification of an Emergency Procurement of a Boiler Feedwater Pump for the PBF (Attachment 12).

C. Organizational Synergy & Human Resources Report

VI. Chairman and President's Reports

VII. Executive Session

An Executive Session will be held to discuss pending litigation, trade secrets, personnel matters, security matters, pending RFP's, and feasibility estimates and evaluations.

D. Legal

1. Board Action will be sought Regarding Additional Projected Legal Expenditures (Attachment 13).
2. Board Action will be sought for the Resolution Regarding a Human Resources Consulting Services Agreement with Horton International LLC (Attachment 14).

TAB 1

CONNECTICUT RESOURCES RECOVERY AUTHORITY

FOUR HUNDRED AND FORTIETH -FIRST

MARCH 21, 2013

A regular meeting of the Connecticut Resources Recovery Authority Board of Directors was held on Thurs. March 21, 2013, in the Board Room at 100 Constitution Plaza, Hartford, CT. Those present were:

Directors: Chairman Don Stein
Vice-Chairman Barlow
John Adams
David Damer
Joel Freedman
Timothy Griswold
Pedro Segarra (present by telephone beginning 9:50 a.m.)
Scott Shanley
Bob Painter, CSWS Project Ad-Hoc
Steve Edwards, SouthWest Project Ad-Hoc

Present from CRRA in Hartford:

Tom Kirk, President
Jim Bolduc, Chief Financial Officer
Peter Egan, Director of Environmental Affairs and Operations
Jeffery Duvall, Director of Budgets and Forecasting
Laurie Hunt, Director of Legal Service
Lynn Martin, Risk Manager
Paul Nonnenmacher, Director of Public Affairs
Virginia Raymond, Operations Manager
Moirra Benacquista, HR Specialist/Board Administrator

Others present: Pat Mullins, Esq., Melick & Porter; John Pizzimenti, USA Hauling; Jim Sandler, Esq., Sandler & Mara.

Chairman Stein called the meeting to order at 9:30 a.m. and said a quorum was present.

PUBLIC PORTION

Chairman Stein said the agenda allowed for a public portion in which the Board would accept written testimony and allow individuals to speak for a limit of three minutes.

As there were no members of the public present wishing to speak, Chairman Stein proceeded with the meeting agenda.

APPROVAL OF THE MINUTES OF THE REGULAR FEB. 28, 2013, BOARD MEETING

Chairman Stein requested a motion to approve the minutes of the Regular Feb. 4, 2013, Board Meeting. Director Adams made the motion which was seconded by Director Griswold.

Chairman Stein noted there was a correction to the resolution on pg. 13. He said the correct resolution was passed by the Board and the handout of the corrected page was accurate.

MOTION TO AMEND THE MINUTES OF THE REGULAR FEB. 28, 2013, BOARD MEETING

Chairman Stein requested a motion to amend the minutes of the Regular Feb. 4, 2013, Board Meeting. Director Damer made the motion which was seconded by Director Adams.

The motion previously made and seconded was approved by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Edwards, Director Freedman, Director Griswold, and Director Painter, and Director Shanley voted yes. Director Damer abstained.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice-Chairman Barlow	X		
John Adams	X		
Dave Damer			X
Joel Freedman	X		
Timothy Griswold	X		
Scott Shanley	X		
Ad-Hocs			
Bob Painter, CSWS	X		
Steve Edwards, SouthWest			

APPROVAL OF THE MINUTES OF THE REGULAR FEB. 28, 2013, BOARD MEETING AS AMENDED

Chairman Stein requested a motion to approve the minutes of the Regular Feb. 4, 2013, Board Meeting. Director Adams made the motion which was seconded by Director Griswold.

The motion previously made and seconded was approved by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Edwards, Director Freedman, Director Griswold, Director Painter, and Director Shanley voted yes. Director Damer abstained.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice-Chairman Barlow	X		
John Adams	X		
Dave Damer			X
Joel Freedman	X		
Timothy Griswold	X		
Scott Shanley	X		
Ad-Hocs			
Bob Painter, CSWS	X		
Steve Edwards, SouthWest			

APPROVAL OF THE MINUTES OF THE SPECIAL MARCH 11, 2013 BOARD MEETING

Chairman Stein requested a motion to approve the minutes of the Special March 11, 2013, Board Meeting. Director Adams made the motion which was seconded by Director Shanley.

The motion previously made and seconded was approved as amended and discussed by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Damer, Director Edwards, Director Freedman, Director Griswold, Director Painter, and Director Shanley voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice-Chairman Barlow	X		
John Adams	X		
Dave Damer	X		
Joel Freedman	X		
Timothy Griswold	X		
Scott Shanley	X		
Ad-Hocs			
Bob Painter, CSWS	X		
Steve Edwards, SouthWest	X		

RESOLUTION REGARDING APPROVAL OF THE FISCAL YEAR 2014 PROPERTY DIVISION OPERATING AND CAPITAL BUDGETS

Chairman Stein requested a motion on the above referenced item. The motion was made by Director Griswold and seconded by Director Damer.

WHEREAS, The Authority has the ability and expertise to develop future solid waste initiatives and wishes to reserve funds to develop innovative solid waste processes; and

WHEREAS, The Authority needs to support the State of Connecticut's Solid Waste Management Plan initiatives from non-project resources; and

WHEREAS, The Authority supports the State of Connecticut's Solid Waste Management Plan's education and outreach objective by providing education services and uses its Hartford facility located at 211 Murphy Road facility to provide these services; and

WHEREAS, The Property Division provides sufficient revenues to accommodate the continuing expenses associated with the education services; and

WHEREAS, The Board of Directors has established a Severance Reserve which needs \$430,000 of additional funding to be combined with \$430,000 from the Connecticut Solid Waste System Budget for a total of \$860,000 to properly fund the severance plan if it is utilized; and

WHEREAS, the Authority has the option to terminate its office lease on December 31, 2013, by giving notice to its landlord no later than June 30, 2013, or on December 31, 2014, by giving notice to its landlord no later than June 30, 2014, failing which, the lease will expire according to its terms on December 31, 2015; and

WHEREAS, the Board of Directors has requested that management review its current operational functions including a potential home office relocation, and the Authority has incorporated funds in the Fiscal Year 2014 Property Division budgets for the performance of such reviews, and, if appropriate, an office relocation as well; and

WHEREAS, in the event that the Authority's long term plans are still in development as of June 30, 2013, and therefore, the Authority does not give notice of its exercise of its option to terminate its office lease, any unused relocation funds together with all other unused operating expenditures will be retained in the Property Division's operating account for future use as directed by the Board; and

WHEREAS, The Authority needs to reserve funds for routine capital needs for the Property Division's facilities.

NOW THEREFORE, it is

RESOLVED: That the proposed Fiscal Year 2014 Property Division budgets be adopted in the form presented and discussed at this meeting; and

FURTHER RESOLVED: That the President is hereby authorized to approve the use of funds from the necessary funds and reserves to pay for costs and fees incurred during Fiscal Year 2014 in accordance with the operating and capital budgets adopted pursuant hereto, as presented and discussed at this meeting, provided that all purchases of goods and services shall comply with the requirements of the Authority's Procurement Policies and Procedures; and

FURTHER RESOLVED: The real property at 211 Murphy Road Hartford Connecticut, 06103 be reflected in the Authority's Property Division along with the corresponding education activities; and

FURTHER RESOLVED: That \$430,000 be contributed to the Board designated Severance Reserve in Fiscal Year 2014; and

FURTHER RESOLVED: That the Authority establish the Board designated Facilities Capital Refurbishment Reserve and contribute \$300,000 in Fiscal Year 2014; and

FURTHER RESOLVED: That \$200,000 be contributed to the Board designated Jets Capital Reserve in Fiscal Year 2014; and

FURTHER RESOLVED: That the Authority establish the Board designated Solid Waste Future Development Reserve and contribute \$788,000 in Fiscal Year 2014.

Director Griswold said this resolution proposes that \$430,000 is contributed from this budget to the severance reserve to be co-mingled with the prior approval of \$430,000 from the CSWS budget for a total of \$860,000, if needed. He said not all staff is tied into the CSWS activities and this kind of balance is appropriate as the costs will not be borne entirely by the tip fee.

Director Griswold said CRRA's lease on the facility has an annual termination possibility which comes at the end of this calendar year. He said the Board has discussed moving CRRA office to Murphy Rd. but has not made any final decisions. Director Griswold said as a determination to move would need to be made by June 30, 2013, and as many improvements and dislocations of activities are required beforehand, the decision to move seems to be premature at this point. He said \$800,000 is available for further exploring this possibility, however if those funds should not be used this fiscal year they would revert to the bottom line to be used later.

Director Griswold said there are a number of reserves which are proposed to be funded in this resolution. He said if CRRA is to put funds in board designated reserves (which can be changed) this provided some planning and dollars for future endeavors such as capital refurbishment and Solid Waste future development in conjunction with the Solid Waste Management Plan.

Director Griswold said the Trash Museum funds are contained within this budget with an expense and an income with a net \$43,000 loss. He said this function was removed from CSWS and placed here to avoid tip fee funding. Director Griswold said the jets information is on pg. four. He said fuel is perhaps the biggest cost item as the jets use \$16,800 gallons of fuel an hour when they are running, and noted they are also a substantial revenue generator. Director Griswold said it has been proposed to put capital into a reserve in case of any necessary maintenance.

Director Griswold said the Trash Museum detail is on pg. five. He said under the income for the property division contains the South Central Facility capacity income, Wallingford, the jet income, the lease income from property, and income from the Trash Museum and relatable experiences.

Mr. Bolduc said this budget addresses how CRRA balances its statutory requirements without providing funding directly from a specific project. He said the CSWS Project contains items which were specifically related to that project. Mr. Bolduc said this provides for funds to be used for other projects at the direction of the Board. He said residual funds end up in surplus and any actual expenditures would come to the Policies & Procurement Committee for approval as well as the Board.

Director Adams asked what the operation and maintenance costs for the Trash Museum Building are. Mr. Bolduc replied \$45,000 for the Trash Museum and \$95,000 for the Stratford building. Mr. Duvall explained these are ongoing system costs for items such as heat, security, electricity, and the fire system.

Director Adams said the Trash Museum doesn't pay rent so there is no accounting for the cost of the space under very specific activities. Mr. Bolduc said there are two space components to that, the museum piece itself and also the enforcement CSWS activities which take place. Director Adams said a \$43,000 deficit in terms of their budget is really more as the space is available for free. Director Edwards said it's only \$43,000 for FY'14 because \$150,000 is coming from the Trash Museums existing bank account.

Mr. Bolduc said the \$150,000 came from gift sales admission and grants. He said beginning July 1, 2013, all towns will pay the same fee to come into the facility and that \$150,000 will be replenished to some degree.

Director Shanley said education should not be expected to pay for itself. He said the Board has not had time to have a discussion concerning the best way to provide education. Director Shanley said a real discussion based on the formulation of a plan going forward should take place.

Director Freedman said if CRRA gives notice by June 30, 2013, on the lease for the administrative offices, it can be terminated by the end of this year. Mr. Bolduc explained if notice is not given by June 30, 2013, the lease would continue through Dec. 31, 2014. Director Freedman said if notice is given by June 30, 2013,

After substantial discussion concerning the budget a motion to table the item.

MOTION TO TABLE THE RESOLUTION REGARDING FISCAL YEAR 2014 PROPERTY DIVISION OPERATING AND CAPITAL BUDGETS

Vice-Chairman Barlow made a motion to table the above referenced motion. Director Painter seconded the motion.

VOTE ON THE MOTION TO TABLE THE RESOLUTION REGARDING FISCAL YEAR 2014 PROPERTY DIVISION OPERATING AND CAPITAL BUDGETS

The motion to table the resolution regarding the property division operating and capital budgets was passed unanimously by roll call.

The motion previously made and seconded was approved by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Damer, Director Freedman, Director Griswold, Director Segarra, and Director Shanley voted yes. Director Griswold voted no.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice-Chairman Barlow	X		
John Adams	X		
Dave Damer	X		
Joel Freedman	X		
Timothy Griswold		X	
Pedro Segarra	X		
Scott Shanley	X		
Ad-Hocs			
Bob Painter, CSWS			
Steve Edwards, SouthWest			

RESOLUTION REGARDING RENEWAL OF RISK PROPERTY INSURANCE

Chairman Stein requested a motion on the above referenced item. The motion was made by Director Shanley and seconded by Director Griswold.

RESOLVED: That CRRRA purchase \$350 Million Property Insurance from the following four (4) insurers with their shares as indicated:

- Zurich (Rated A) 42.10%
- Swiss Re (Rated A) 26.30%
- Starr Tech (Rated A+) 16.60%
- XL (Rated A) 15.00%

for the period 4/1/13 – 4/1/14 for a premium of \$760,391(including terrorism) and other terms and conditions as discussed at this meeting;

FURTHER RESOLVED: That CRRRA purchase loss control engineering services from XL GAPS for the period 4/1/13 – 4/1/14 for an amount not to exceed \$14,625 as discussed at this meeting.

Mr. Kirk said this subject was fully vetted at the Finance Committee meeting and noted that CRRRA’s broker and advisor AON Risk Services provided a presentation at that same meeting. He said the depth of the market for Public Officials Insurance (also known as Directors and Officers insurance) is very limited and there was only one qualified bidder who has provided a firm and complete quote, the

incumbent. Mr. Kirk said one other firm expressed interest however it was not competitive. He said absent ACE, CRRA would be looking into self-insurance as the market is very shallow and narrow.

Mr. Kirk said with respect to the engineering portion of this resolution, Senior Engineer Rich Quelle and Ms. Martin spent a lot of time on this and noted that the \$14,625 engineering piece of this is very important and critical to CRRA putting the best and most accurate description in front of the insurers.

Director Damer said these values have no relationship to the market value of the facilities. Mr. Kirk said the sale value is completely independent of the rebuild.

Chairman Stein asked how such precise percentages are arrived upon. Ms. Martin explained that the insurers decide what percent of the limit they are comfortable providing.

Mr. Kirk noted CRRA has been well served by Aon looking for interested parties which has paid dividends to CRRA in the very slow rate of increase and some decreases in the premium over time.

Vice-Chairman Barlow said he has a lot of confidence in Ms. Martin’s abilities and is comfortable with the recommendation.

The motion previously made and seconded was approved unanimously by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Damer, Director Freedman, Director Griswold, Director Segarra, and Director Shanley voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice-Chairman Barlow	X		
John Adams	X		
Dave Damer	X		
Joel Freedman	X		
Timothy Griswold	X		
Pedro Segarra	X		
Scott Shanley	X		
Ad-Hocs			
Bob Painter, CSWS			
Steve Edwards, SouthWest			

RESOLUTION REGARDING RENEWAL OF PUBLIC OFFICIALS’ & EMPLOYMENT PRACTICES LIABILITY INSURANCE

Chairman Stein requested a motion on the above referenced item. The motion was made by Director Griswold and seconded by Vice-Chairman Barlow.

RESOLVED: That CRRA’s Public Officials and Employment Practices Liability insurance be purchased from ACE with a \$10,000,000 limit and up to \$10,000,000 in defense costs and

expenses outside the limit, and a \$150,000 self-insured retention for the period 4/1/13 – 4/1/14 for a premium of \$144,796, as discussed at this meeting.

Director Damer said the premium is pretty close to the same as the expiring policy. He asked what the \$500,000 incurred claims referred in the package were all about. Ms. Martin replied that the reference was to one claim and it involved MDC. Director Shanley said that he was initially concerned that there were so few bids however after discussion it was clear that Aon made an excellent attempt to get coverage but there were only two firms which were interested in CRRA’s business. Director Freedman agreed.

The motion previously made and seconded was approved unanimously by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Damer, Director Freedman, Director Griswold, Director Segarra, and Director Shanley voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice-Chairman Barlow	X		
John Adams	X		
Dave Damer	X		
Joel Freedman	X		
Timothy Griswold	X		
Pedro Segarra	X		
Scott Shanley	X		
Ad-Hocs			
Bob Painter, CSWS			
Steve Edwards, SouthWest			

RESOLUTION REGARDING AN AMENDMENT TO THE JET TURBINE FACILITY ENERGY MANAGEMENT SERVICES AGREEMENT

Chairman Stein requested a motion on the above referenced item. The motion was made by Director Damer and seconded by Vice-Chairman Barlow.

RESOLVED: The President is hereby authorized to execute an amendment to the Agreement for Jet Turbine Facility Energy Management Services with NextEra Energy Power Marketing, LLC for the provision of energy management services for the Connecticut Solid Waste System South Meadows Facility, substantially as presented and discussed at this meeting.

Director Damer said this was discussed and recommended for adoption at the Policies and Procurement Committee meeting. He said this resolution will be part of the contract which CRRA already has with NextEra Energy Power Marketing, LLC for doing the marketing for the jet’s facility.

Mr. Kirk said the initial cost for engaging NextEra was not insubstantial. He said the addition of Turbine 5 and Turbine 6 is very modest and it makes sense to have NextEra do all of CRRA's bidding. Mr. Kirk said management is not 100% sure of the effort associated with this. He said management knows CRRA will have the option of going to the day ahead market or the option to sell all of its' power to the State, (or some other market participant) and this gives CRRA the flexibility to do whatever seems best in terms of revenue moving forward. Mr. Kirk said CRRA's relationship with NextEra to date has been very good and very favorable and this is a good opportunity to keep all of its eggs in one basket and monitor its very critical revenue stream from generation.

Director Griswold asked if the escalation is based on a formula. Ms. Raymond replied yes. She explained there is an index which management uses. Director Griswold asked what it would be now. Ms. Raymond said she did some other escalations recently for other contractors and they came in at less than 2%.

The motion previously made and seconded was approved unanimously by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Damer, Director Freedman, Director Griswold, Director Segarra, and Director Shanley voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice-Chairman Barlow	X		
John Adams	X		
Dave Damer	X		
Joel Freedman	X		
Timothy Griswold	X		
Pedro Segarra	X		
Scott Shanley	X		
Ad-Hocs			
Bob Painter, CSWS			
Steve Edwards, SouthWest			

ORGANIZATIONAL SYNERGY AND HUMAN RESOURCES REPORTS

Director Damer said the Organizational Synergy & Human Resources Committee made a final decision on merit increases. He said the Committee formally concluded that it was an inappropriate action to implement merit increases this year.

PRESIDENT'S REPORT

Mr. Kirk said all CRRA facilities operated within environmental safety and public health boundaries within the reporting period. He referred the Board to Tab A for the financial report for the source and use of funds. He said the schedule shows a small positive balance of \$802,000 which is essentially a recovery from a January timing shortfall.

Mr. Kirk said the post-closure landfill borrowing behind Tab E is a relatively new report which will shortly become moot if CRRA is successful in arranging a transfer of the landfill liability to the State of Connecticut.

Mr. Kirk said the Mid-Conn Project variance and CSWS and recycling variances are all shown and very straight forward. He said of note are some lower revenues in the CSWS due to lower than budgeted member deliveries. Mr. Kirk said CRRA budgeted a reduced number into the economy but the deliveries have come in slightly below that number. He said associated with that number is a lower generation revenue number. Mr. Kirk said without the fuel CRRA cannot turn it into electricity. Mr. Kirk said higher than expected spot deliveries at higher than expected prices are being taken in to supplement the shortfall in member delivery.

Chairman Stein asked how much revenue loss was associated with the storm of the century. He asked if that is a temporary blip and if those numbers came back up. Mr. Kirk said those figures came back up and the recovery rate is relatively short. Chairman Stein asked if there is any degradation. Mr. Kirk replied no. He said after a storm the towns often see more waste than CRRA does.

Mr. Kirk said management found some work it wanted to do and extended the winter outages and took advantage of the fuel situation. He said recycling revenues are favorable due to some increased deliveries by the member towns. Mr. Kirk said expenses are favorable in operating and unfavorable in administration due to legal fees and the RFP review CRRA is currently in the process of.

Mr. Kirk said the SouthEast revenue is favorable due to the timing of some accruals despite some unfavorable deliveries. He said for capital CRRA is on track for about a \$2 million balance at the end of the year despite the winter outage work which is consistent with CRRA's fiscal 2014 budget which was just passed.

Mr. Kirk said all facilities are struggling with fuel shortages due to the poor economy and diversions. He said availability and capacity factor are maintaining improved profiles versus historicals. Mr. Kirk said CRRA still has room for improvement and is trending in the right direction. He said pressure part failure issues continue. Mr. Kirk said the issues are under control with the capital replacement project. He said CRRA is running an old power plant which is quite obvious in the capacity factor numbers CRRA is dealing with.

Director Shanley asked what a pressure part issue is. Mr. Kirk explained it is a boiler tube which holds pressure and steam within the boiler which must be replaced if it bursts. He said that is the most critical maintenance expense because there are thousands of miles of tubes.

Mr. Kirk said the year to date power generation at CSWS includes the improvement of the frequency of unscheduled outages. He said the money which has been spent in the catch up on the capital program over the last three years is paying dividends in improved capacity factor and availability. Mr. Kirk said there have been no significant changes in overall historical averages in tonnage receipts and trends on a town by town basis.

Mr. Kirk said 51 towns are with CRRA and the plant will be filled near to capacity with the use of spot waste. He said however those tipping fee discounts are painful but necessary to fill up the plant.

Mr. Kirk said management is working with the CT DEEP and other agencies to try and implement the FY'14 mitigation plan for revenue. He said there is quite a bit of activity on the transfer of assets and liabilities for landfills and a shortage of activity on the sale of power to the State. Mr. Kirk said management is in daily communication with the CT DEEP to try and keep this moving forward.

Vice-Chairman Barlow asked why the Mid-CT Expenditures indicate recycling is favorable due to the cancellation of communications program. Mr. Kirk said the public communication efforts which were typically advertising on NPR with radio ads for recycling were stopped and that budget was zeroed out. He said the need for electronics recycling is diminished as CRRA has been working with the member towns to develop drop off facilities at the town's individual facilities.

Vice-Chairman Barlow asked why the facility contractor is unfavorable due to higher than budgeted home office support. Mr. Egan said as part of its contract NAES provides support from their home office and that support may be in the form of managing environmental matters, ISO New England NERC electricity supplying or compliance with NERC, and health and safety. He said when management established the FY'13 budget there was no track record and as a result of the transition from MDC, and more significantly Covanta, there have been additional costs associated with the environmental health and safety areas. Mr. Egan said the billing rates within the contract are hourly.

Vice-Chairman Barlow said under Tab F seems like we continue to experience high inefficiencies in Boiler 13. He asked if that is a chronic problem. Mr. Egan said repair work on Boiler 13 has been completed. He said he expects that Boiler 13 will run the fastest over the next thirteen months.

Vice-Chairman Barlow asked that the record be noted that whole several communities chose not to bring their municipal waste to CRRA they continue to bring a significant amount of tonnage through non-municipal sources specifically East Hartford, Newington, and West Hartford and Windsor Locks. He said if the private sector is supposedly so much better than the public and municipal sector in terms of getting the best deal for the costs one has to consider why those municipalities are no longer with the Authority. Director Damer said those are contracted tons with commercial haulers and not spot waste.

EXECUTIVE SESSION

Chairman Stein requested a motion to enter into Executive Session to discuss pending claims and litigation, trade secrets, personal matters, security matters, pending RFP's, and feasibility estimates and evaluations. The motion, made by Director Adams and seconded by Vice-Chairman Barlow was approved unanimously. Chairman Stein asked the following people join the Directors in the Executive Session:

Tom Kirk
Jim Bolduc
Peter Egan
Laurie Hunt
Eric Womack

The Executive Session began at 11:15 a.m. and concluded at 12:45 p.m. Chairman Stein noted that no votes were taken in Executive Session.

The motion to go into Executive Session was approved unanimously by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Damer, Director Edwards, Director Freedman, Director Griswold, Director Painter, Director Segarra, and Director Shanley voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice-Chairman Barlow	X		
John Adams	X		
Dave Damer	X		
Joel Freedman	X		
Timothy Griswold	X		
Pedro Segarra	X		
Scott Shanley	X		
Ad-Hocs			
Bob Painter, CSWS	X		
Steve Edwards, SouthWest	X		

ADJOURNMENT

Chairman Stein requested a motion to adjourn the meeting. The motion to adjourn was made by Director Adams and seconded by Director Griswold and was approved unanimously.

There being no other business to discuss, the meeting adjourned at 12:45 p.m.

Respectfully Submitted,



Moira Kenney
HR Specialist/Board Administrator

TAB 2

CONNECTICUT RESOURCES RECOVERY AUTHORITY

FOUR HUNDRED AND FORTY-SECOND

APRIL 2, 2013

A special telephonic meeting of the Connecticut Resources Recovery Authority Board of Directors was held on Mon. April 2, 2013, in the Board Room at 100 Constitution Plaza, Hartford, CT 06103.

Those present by telephone were:

Directors: Chairman Don Stein
Vice-Chairman Barlow
Ryan Bingham
John Adams
David Damer
Joel Freedman
Timothy Griswold
Andrew Nunn
Pedro Segarra (present beginning 9:49 a.m.)
Scott Shanley
Bob Painter, CSWS Project Ad-Hoc (present in person)
Steve Edwards, Southwest Project Ad-Hoc
Mark Tillinger, Southwest Project Ad-Hoc

Present from CRRA in Hartford:

Tom Kirk, President
Jim Bolduc, Chief Financial Officer
Peter Egan, Director of Environmental Affairs and Operations
Laurie Hunt, Director of Legal Service
Moirra Benacquista, HR Specialist/Board Administrator

Others present: John Pizzimenti, USA Hauling.

Chairman Stein called the meeting to order at 9:30 a.m. and said a quorum was present.

PUBLIC PORTION

Chairman Stein said the agenda allowed for a public portion in which the Board would accept written testimony and allow individuals to speak for a limit of three minutes.

As there were no members of the public present wishing to speak, Chairman Stein proceeded with the meeting agenda.

EXECUTIVE SESSION

Chairman Stein said there would to be no Executive Session.

RESOLUTION REGARDING APPROVAL OF THE CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION PURSUING LEGISLATIVE ACTION REGARDING A BI-LATERAL PURCHASE CONTRACT BETWEEN CRRA AND THE CT DEEP

Chairman Stein requested a motion on the above referenced item. The motion to approve was made by Director Damer and seconded by Director Griswold.

RESOLVED: That this Board endorses the Department of Energy and Environmental Protection's pursuit of legislative authorization for the State to enter into a bilateral power purchase agreement with the Authority.

Chairman Stein said Commissioner McCleary sent a letter to CRRA via e-mail. Mr. Kirk said the e-mail was a very brief communication stating that in order to undertake a bi-lateral agreement with CRRA the Connecticut Department of Environmental and Energy Protection (hereinafter referred to as "CT DEEP") will first need Legislative authority.

Chairman Stein said in previous meetings the Board discussed the pace of communication between Commissioner McCleary and the Attorney General's office. He said it was his understanding that the Attorney General's office came to the conclusion they could not just go out and buy power in bulk though PURPA unilaterally through the executive branch without legislative action.

Chairman Stein said the purpose of this meeting is for the Board to provide by consensus both approval and support for the CT DEEP to pursue this matter. He said hopefully the CT DEEP can get everything accomplished this Legislative session. Director Shanley asked what CRRA's options are if that doesn't happen.

Chairman Stein said the draft letter he is working on serves to confirm that CRRA will work with the CT DEEP on the option to continue operations as they stand today. He said timing was not mentioned however it was noted that if nothing happens by the end of the fiscal year the CSWS Project would convert to a transfer station.

Director Adams asked why the determination that legislative action is needed is being brought up after fourteen months of discussion. Vice-Chairman Barlow said he was always skeptical that this could have been done without any legislative action however he deferred to the CT DEEP on that matter. He said in his experience once items reach the Attorney General's Office there can be a very different view on the issue. Director Freedman said the CT DEEP and the administration were likely on the same page concerning this issue however the Attorney General's Office may have more thoroughly vetted the requirements.

Director Shanley expressed concern over this item being discussed at the legislature. He asked if this is a viable option. Director Damer asked what legislative contact CRRA has had concerning this agreement. Mr. Kirk replied that management has not reached out to the legislature concerning this

particular concept. He said contact has been limited to the Class II bill. Mr. Kirk said in his discussions with the Committee leaders and caucus leaders he has noted that CRRA is working closely with the CT DEEP and that the CT DEEP is working toward a plan. He said however the long term solution for system sustainability is a revenue enhancing credit. He said he cannot speak to CT DEEP's efforts at the legislature.

Chairman Stein said the bills introduced over the past two years by the MAC Committee or CRRA did not gain traction in the legislature primarily because the CT DEEP and Governor's Office did not support them. He said CRRA has had some significant conversations with the Governor, including Liz Donahue, his advisor. Chairman Stein said it is his belief that if the Governor's office supports this agreement, which is likely as the tonnage would be left in the lurch without it. He said with a democratic administration and legislation and the Governor's office behind this agreement it can happen quickly.

Director Griswold asked if the CT DEEP is leading the charge on this matter. Chairman Stein said he believes this will be done in conjunction with the CT DEEP and the Governor's staff. Director Freedman said he believes if the Board is in agreement after this meeting that it is the administrations' intent to immediately begin discussions with legislative leadership for passage. Chairman Stein agreed.

Director Damer asked if the REC portion would be included in the larger energy bill. He asked if this agreement is included in the energy bill if it will cancel out the other issue out. Mr. Kirk said Senator Duff implied that he was going to try and get the Class II REC concept worked into the broader energy bill. He said he does not see how one would negate the other.

Chairman Stein said he does not feel the CT DEEP is very supportive of the Class II REC bill. Mr. Kirk agreed. He said the CT DEEP will not oppose it however; there is a lot of resistance from the green community which wants to preserve that classification for the purest types of renewable energy. Mr. Kirk said the struggle in that field is occurring over the broader energy bill and the hydroelectric power from Hydro-Quebec which will likely be included as Class I REC'S.

Director Shanley said he does not feel CRRA loses anything by encouraging the legislature for several months however a better long term plan is required. Chairman Stein said in his opinion this has to happen by the start of the fiscal year and there is a three month window of opportunity.

Director Tillinger suggested adding timing concerns relative to the discussion and a sense of urgency to the letter. Chairman Stein suggested adding another sentence noting that the clock is running and action is needed in this Legislative session. Director Painter agreed. He said the use of the word "likely" and "maybe" may mislead the people who are receiving the letter. Director Painter said the letter should be definite.

Director Griswold asked if CRRA will be enlisting the help of the various customer towns to speak to their legislators concerning this issue. He said he continues to be very uneasy concerning CRRA's lack of communication to its constituents. Director Griswold said CRRA should engage the towns not only to bring them up to date but also to enlist their support to ask them to speak to their individual legislators. Chairman Stein agreed.

Mr. Kirk said assuming this item passes today he would like to ask Commissioner McCleary how CRRA may best assist. He said this is best done when there is a specific bill number or something more concrete to advocate.

Vice-Chairman Barlow said he felt the letter was overly wordy. He said he takes exception to the functions which have been assigned to CRRA under the current funding scenarios as they may not be appropriate for CRRA to consider doing. Chairman Stein said the letter would be shortened with the suggestion of strengthening the timing component added.

Director Freedman said the letter can convey a sense of urgency and still be held to one or two paragraphs. He said he agreed with Director Painter and Director Tillinger that conveying a sense of urgency is important. Director Freedman said getting this letter out this afternoon is very important in order to move this process along as quickly as possible. Chairman Stein agreed.

Director Shanley said this agreement will help to not only stabilize CRRA but also to keep the CSWS plant operating which best serves the State of Connecticut's Solid Waste Management Plan. Chairman Stein added that it is also for the good of the municipalities.

Director Griswold said CRRA has to be sure that the CT DEEP will push this issue. Director Painter agreed. He suggested adding that a response is needed from CT DEEP as to who is spearheading the efforts to pass this agreement. Chairman Stein said the last sentence can be strengthened to make that clear.

Director Damer suggested that CRRA contact the CT DEEP directly. Mr. Kirk asked if the Board is looking for a response to the letter. Chairman Stein said once this letter is received CRRA must be relentless in following up. Director Freedman said the administration will likely realize that CRRA cannot take the lead here. Mr. Kirk said he and Chairman Stein will make it known that CRRA is available as needed to provide support.

Director Segarra said this agreement is very important to Hartford. He said it is important for CRRA to undertake this initiative to do whatever it takes to get the energy process effectuated in order to continue to operate. Director Segarra said he does not know what request, (if any) CT DEEP will have from CRRA. He said CRRA needs to get clear direction from the administration in terms of moving forward on executing this legislation.

The motion previously made and seconded was approved unanimously by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Bingham, Director Damer, Director Edwards, Director Freedman, Director Griswold, Director Nunn, Director Painter, Director Segarra, Director Shanley and Director Tillinger voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice-Chairman Barlow	X		
John Adams	X		
Ryan Bingham	X		
Dave Damer	X		
Joel Freedman	X		
Timothy Griswold	X		
Andrew Nunn	X		
Pedro Segarra	X		
Scott Shanley	X		
Ad-Hocs			
Robert Painter, CSWS	X		
Steve Edwards, SouthWest	X		
Mark Tillinger, SouthWest	X		

ADJOURNMENT

Chairman Stein requested a motion to adjourn the meeting. The motion to adjourn was made by Director Adams and seconded by Director Painter and was approved unanimously.

There being no other business to discuss, the meeting adjourned at 9:53 a.m.

Respectfully Submitted,



Moira Kenney
HR Specialist/Board Administrator

TAB 3

DISCUSSION ITEM

TAB 4

**RESOLUTION REGARDING THE APPROVAL OF
THE FISCAL YEAR 2014 PROPERTY DIVISION
OPERATING AND CAPITAL BUDGETS**

WHEREAS, The Authority has the ability and expertise to develop future solid waste initiatives and wishes to reserve funds to develop innovative solid waste processes; and

WHEREAS, The Authority needs to support the State of Connecticut's Solid Waste Management Plan initiatives from non-project resources; and

WHEREAS, The Authority supports the State of Connecticut's Solid Waste Management Plan's education and outreach objective by providing education services and uses its Hartford facility located at 211 Murphy Road facility to provide these services; and

WHEREAS, The Property Division provides sufficient revenues to accommodate the continuing expenses associated with the education services; and

WHEREAS, The Board of Directors has established a Severance Reserve which needs \$430,000 of additional funding to be combined with \$430,000 from the Connecticut Solid Waste System Budget for a total of \$860,000 to properly fund the severance plan if it is utilized; and

WHEREAS, the Authority has the option to terminate its office lease on December 31, 2013, by giving notice to its landlord no later than June 30, 2013, or on December 31, 2014, by giving notice to its landlord no later than June 30, 2014, failing which, the lease will expire according to its terms on December 31, 2015; and

WHEREAS, the Board of Directors has requested that management review its current operational functions including a potential home office relocation, and the Authority has incorporated funds in the Fiscal Year 2014 Property Division budgets for the performance of such reviews, and, if appropriate, an office relocation as well; and

WHEREAS, in the event that the Authority's long term plans are still in development as of June 30, 2013, and therefore, the Authority does not give notice of its exercise of its option to terminate its office lease, any unused relocation funds together with all other unused operating expenditures will be retained in the Property Division's operating account for future use as directed by the Board; and

WHEREAS, The Authority needs to reserve funds for routine capital needs for the Property Division's facilities.

NOW THEREFORE, it is

RESOLVED: That the proposed Fiscal Year 2014 Property Division budgets be adopted in the form presented and discussed at this meeting; and

FURTHER RESOLVED: That the President is hereby authorized to approve the use of funds from the necessary funds and reserves to pay for costs and fees incurred during Fiscal Year 2014 in accordance with the operating and capital budgets adopted pursuant hereto, as presented and discussed at this meeting, provided that all purchases of goods and services shall comply with the requirements of the Authority's Procurement Policies and Procedures; and

FURTHER RESOLVED: The real property at 211 Murphy Road Hartford Connecticut, 06103 be reflected in the Authority's Property Division along with the corresponding education activities; and

FURTHER RESOLVED: That \$430,000 be contributed to the Board designated Severance Reserve in Fiscal Year 2014; and

FURTHER RESOLVED: That the Authority establish the Board designated Facilities Capital Refurbishment Reserve and contribute \$300,000 in Fiscal Year 2014; and

FURTHER RESOLVED: That \$200,000 be contributed to the Board designated Jets Capital Reserve in Fiscal Year 2014; and

FURTHER RESOLVED: That the Authority establish the Board designated Solid Waste Future Development Reserve and contribute \$688,000 in Fiscal Year 2014.

CRRA - PROPERTY DIVISION

REVENUE & EXPENDITURE SUMMARY

ACCOUNT	DESCRIPTION	PROPOSED FY14
	South Central Facility Capacity	\$ 239,000
	Jets	\$ 5,823,000
	Lease Income	\$ 425,000
	Education & Trash Museum	\$ 235,000
	Total Revenues	\$ 6,722,000

EXPENDITURE

ACCOUNT	DESCRIPTION	PROPOSED FY14
	Telecommunications	\$ 2,500
	Mileage Reimbursement	\$ 1,000
	Legal	\$ 10,000
	Insurance Expenditures	\$ 20,000
	Other Consulting Services	\$ 200,000
	Contribution to Facilities Capital Refurbishment Reserve	\$ 300,000
	Indirect Labor & Overhead - Administration	\$ 354,000
	Direct Salaries/Labor & Benefits - Administration	\$ 31,000
	Direct Salaries/Labor & Benefits - Operational	\$ 25,000
	Relocation Expense	\$ 800,000
	Contribution to Solid Waste Future Development Reserve	\$ 688,000
	Contribution to Severance Reserve	\$ 430,000
	Murphy Road Operations Center, Net	\$ 94,000
	1410 Honey Spot Road	\$ 95,000
	171 Murphy Road	\$ 45,000
	Education & Trash Museum	\$ 278,000
	South Central Facility Operating Charges	\$ 220,400
	Jets Operating Charges	\$ 3,129,000
	Total Expenditures	\$ 6,722,000
	Balance	\$ -

CRRRA - PROPERTY DIVISION

REVENUE & EXPENDITURE SUMMARY

JETS FACILITY

ASSUMPTIONS

ACCOUNT	DESCRIPTION	PROPOSED FY14
	FUEL USAGE	
	K1 Fuel Price (per gallon)	\$ 3.70
	Gallons/Hr./Unit	4,200
	Annual Run Hours	20
	Number of Units	4

REVENUES

ACCOUNT	DESCRIPTION	PROPOSED FY14
	Jets Revenues	\$ 5,823,000

EXPENDITURE DETAILS

ACCOUNT	DESCRIPTION	PROPOSED FY14
	Fees/Licenses/Permits	\$ 5,000
	Jets PILOT (Pro-rata Share of \$2.2M)	\$ 175,000
	Fuel	\$ 1,243,000
	Discrete Emission Reduction Credit (DERC) Fee	\$ 200,000
	Contribution to Jets Capital Reserve	\$ 200,000
	Jets Operating Costs	\$ 785,000
	Power Products Management Fee	\$ 153,800
	Engineering Consulting Services	\$ 10,000
	Legal	\$ 40,000
	Insurance Expenditures	\$ 86,000
	Indirect Labor & Overhead - Administration	Incl. Above
	Direct Salaries/Labor & Benefits - Administration	\$ 50,000
	Direct Salaries/Labor & Benefits - Operational	\$ 81,000
	Electricity	\$ 100,000
	Subtotal	\$ 3,129,000
	Balance	\$ 2,694,000

CRRA - PROPERTY DIVISION

REVENUE & EXPENDITURE SUMMARY

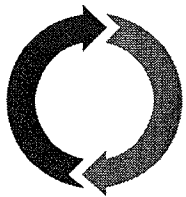
EDUCATION & TRASH MUSEUM

REVENUES

ACCOUNT	DESCRIPTION	PROPOSED FY14
	Gift Shop Sales	\$ 10,000
	Admission Fees/Group Tours	\$ 50,000
	Fundraising	\$ 5,000
	Donations & Grants	\$ 10,000
	Outreach Program	\$ 5,000
	Facility Rental	\$ 2,000
	Birthday Parties/Activity Kit Rental	\$ 3,000
	Use of Trash Museum Bank Account	\$ 150,000
	Subtotal	\$ 235,000

EXPENDITURE DETAILS

ACCOUNT	DESCRIPTION	PROPOSED FY14
	Communications Services	\$ 10,000
	Office Supplies	\$ 1,000
	Educational Supplies	\$ 5,000
	Subscriptions/Publications/Ref. Material	\$ 500
	Dues-Professional Organizations	\$ 500
	Meetings & Training	\$ 3,500
	Education Exhibits Maintenance	\$ 5,000
	Direct Salaries/Labor & Benefits - Administration	\$ 42,000
	Direct Salaries/Labor & Benefits - Operational	\$ 211,000
	Subtotal	\$ 278,000
	Balance	\$ (43,000)



CONNECTICUT RESOURCES RECOVERY AUTHORITY

CONNECTICUT'S RECYCLING LEADER

100 Constitution Plaza, 6th Floor
Hartford, CT 06103

Telephone: 860-757-7700 Fax: 860-727-4141

MEMORANDUM DRAFT

To: Board of Directors CRRA
Date: April 16, 2013
Re: Education programs memo

State statutes¹ charge CRRA with implementing the state solid waste management plan (SWMP), which stresses the need for Connecticut to divert more material from being disposed of as waste and declares the state will reach a 58-percent diversion rate by the year 2024. The SWMP stresses that education is a primary means of reaching that goal.

Toward that end, CRRA has several initiatives intended to educate and raise public awareness of recycling and responsible solid waste management according to the solid-waste hierarchy codified in statute². These initiatives have included such elements as

- a radio-advertising campaign in 2010 and 2011 introducing single-stream recycling;
- a multi-media campaign in 2007 and 2008 introducing mixed-paper recycling that won a Gold Connecticut Mercury Award from the Public Relations Society of America; and
- Numerous appearances on radio and television programs (including an hour-long appearance on WNPR-FM's "Where We Live" on Sept. 17, 2012) discussing recycling and related issues.

CRRA's best known educational initiative, programs offered through the Trash Museum, is distinct from these other efforts, not just because of the building and its exhibits but the way those assets are used. Trash Museum educators provide programs that for 20 years have been teaching recycling, resource conservation, waste reduction, environmentally responsible solid-waste management and energy conservation—actions which our society now groups under the heading of "sustainability."

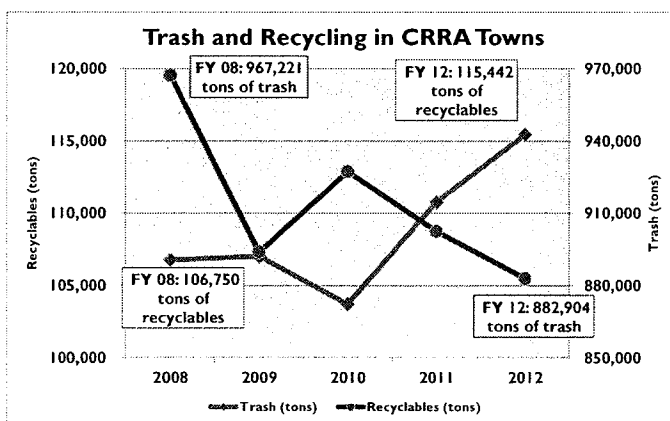
Metrics indicate substantial increases in recycling rates and recycling participation which correlate to the CRRA education initiatives indicating these education programs are effective.

The most indicative measurement of our education programs' effectiveness at teaching people to recycle more and throw away less is a comparison of trash to recyclables, the same metric the Connecticut Department of Energy & Environmental Protection (DEEP) uses. For the last several years towns which use CRRA for trash and recycling have increased their recycling (as shown on the chart on the next page). Meanwhile, according to the latest report from the Connecticut Council on Environmental Quality³ statewide

recycling rates have stagnated for many years.

The withdrawal of several towns from CRRA following the end of the former Bridgeport Project in 2009 caused a sharp decrease in garbage deliveries (as shown by the blue line on the chart) and should

2(a)(3) and 22a-262(b).

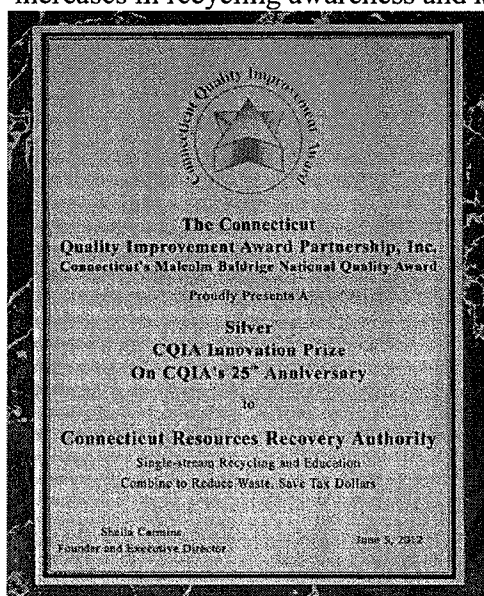


have had a similar effect on tonnages of recyclables as well; instead, CRRA towns, though fewer in number, are recycling more tons.

In other words, by DEEP's metric CRRA's education programs indicate effectiveness in meeting the broad mandate to optimize solid waste disposal.

When examine internally on a per town specific basis, data also indicates a proportional correlation between participation in Trash Museum programs and a town's recycling performance. Limited independent studies have been performed.

In 2011, a grant from the U.S. Institute of Museum & Library Services paid for measurement of programs in five targeted communities we provided through the grant. Results before and after our programs showed increases in recycling awareness and knowledge of as much as 17 percent, with an increase in recycling tonnage of more than 51 percent in one of the five targeted communities (attached is a copy of the IMLS report).



The effectiveness of CRRA's education programs has been recognized with the National Recycling Coalition's Beth Brown Boettner Award for Outstanding Public Education⁴ and the CQIA Innovation Prize (at left) from the Connecticut Quality Improvement Partnership⁵.

Since the Trash Museum opened in 1993, more than 430,000 people have participated in its education programs, including over 78,000 since January 2010. The Trash Museum has programs for people of all ages, though most of these participants are school groups on field trips. Teachers and school administrators tell us in evaluations that Trash Museum programs are valuable because CRRA educators calibrate programs to state science education standards. Attached is a report detailing the alignment of Trash Museum program elements and the state science curriculum elements they support.

A Trash Museum program begins long before the school bus arrives at the Museum or an educator arrives at the school. Museum educators provide classroom teachers pre-visit lessons to prepare students for what they will see, hear and learn at the Museum.

While at the Museum, participants are led through an interactive program tailored to their specific grade level and needs based on the state science curriculum standards and the solid-waste management practices of their particular communities.

After visiting the Museum, teachers and group leaders are provided with follow-up lessons that may include use of CRRA's web-based learning tools, the CTRecycl-o-meter⁶ and the CTRecycl-o-matic⁷, which also

⁴ http://www.crra.org/documents/press/2002/CRRA_education_programs_honored_by_NRC_9-9-2002.pdf

⁵ http://www.crra.org/pages/Press_releases/2012/6-18-2012_CRRA_receives_CQIA_award.html

⁶ <http://www.ctrecyclometer.org/>

⁷ <http://www.ctrecyclomatic.org/>

teach the connection between recycling and energy conservation. Soon those follow-up materials will include access to a live streaming video feed of the Hartford recycling processing center, which will be password-protected to limit access to classes and groups that have participated in a Trash Museum program.

Trash Museum programs have become part of many schools' core science curricula because the experience includes interactive components, a working processing facility and engaging tools and exhibits that enhance students' learning and discovery experiences. Trash Museum educators integrate the content and skills of science, technology, engineering and mathematics (STEM) into their programs, helping students foster skills that may be used outside the classroom. Further, Trash Museum programs relate classroom learning to real-life situations, getting students to think about the science and the impacts of choosing whether to throw something in the trash.

Classroom teachers look to the CRRA Trash Museum for the latest information on a variety of environmental issues related to the earth-science sections of their curricula such as renewable energy, materials recovery and re-use and recycling of textiles and mattresses. Because of their involvement on the front lines of these areas, Trash Museum educators have advanced in-depth knowledge of these areas critical to student performance.

The CRRA Trash Museum is also expanding its offerings for classes and groups who cannot get to Hartford:

- "Curriculum-on-the-Go" activity kits enable a teacher or group leader to provide a complete age/grade-appropriate Trash Museum program.
- Outreach programs send a Trash Museum educator to a school, library, business or anywhere a group is interested in learning about the science behind recycling and trash-to-energy. Outreach programs include the CTRecycl-o-meter, the CTRecycl-o-matic and the live streaming video of the recycling processing center.

Rank	Participation
1	Marlborough
2	Canton
3	Hebron
4	Hartford
5	Glastonbury
6	Killingworth
7	Avon
8	West Hartford
9	Simsbury
10	Portland
11	Middlebury
12	Bolton
13	Granby
14	Windsor Locks
15	Newington
16	Cornwall
17	Chester
18	East Granby
19	South Windsor
20	Suffield

For several years, CRRA has been tracking the performance of each of its recycling towns. A more detailed analysis comparing that data to participation in Trash Museum programs illustrates the Trash Museum's value. All data cited are from 2010 through 2012.

Based on a ratio of Trash Museum program participants to population (based on the 2010 U.S. Census), the towns with the highest participation are shown in the table at right.

While raw tonnage figures are the simplest measure of recycling performance, they do not account fully for other factors such as changes in generation and ratios of trash to recyclables. I computed each town's change in trash generation, change in tons recycled, change in ratio of trash to recyclables, per-capita recyclables generated and change in per-capita recycling. There are distinctions between each factor – for example, East Hartford had the best change in per-capita recycling while Salisbury-Sharon (towns whose tonnage figures are reported in combination), ranked first in recyclables per capita but only 36th in change per capita. By combining these various metrics and averaging them (assigning each one point for first place, two points for second place, three points for third place and so on) we calculate what is shown on the following table as "Recycling Performance Rating:"

Participation	Rank	Recycling Performance Rating
Marlborough	1	West Hartford
Canton	2	Avon
Hebron	3	Killingworth
Hartford	4	Hartford
Glastonbury	5	Granby
Killingworth	6	South Windsor
Avon	7	Canton
West Hartford	8	Glastonbury
Simsbury	9	East Granby
Portland	10	Ellington
Middlebury	11	Simsbury
Bolton	12	Newington
Granby	13	Windsor Locks
Windsor Locks	14	Chester
Newington	15	Suffield
Cornwall	16	Cornwall
Chester	17	Naugatuck
East Granby	18	Middlebury
South Windsor	19	Wethersfield
Suffield	20	Cromwell

Of the top 20 towns in terms of participation in Trash Museum programs, 15 of them rank among the top 20 in Recycling Performance Rating.

CRRA reaps many benefits from its Museum educational programs. While some, such as increased revenue from sales of recyclables, are intrinsic, there are intangible benefits as well:

- CRRA’s education programs also produce badly-needed positive publicity. From January 2010 through March 2013 its education programs generated 436 recorded press placements, almost all of them favorable to CRRA, including features on television and in radio and newspapers that have appeared around the world.
- Having facilities with the visual appeal of the CRRA Trash Museum has made CRRA’s

other public awareness initiatives more effective. These visuals makes CRRA’s news about recycling more attractive to television, while news shows have also used the Trash Museum as a backdrop for broader stories about recycling.

Attachments: IMLS Final Report Narrative, Sept. 30, 2011
 “CRRA Trash Museum Programs & State of Connecticut Core Science Curriculum Framework,” Sept. 21, 2011

The information contained within this document is based on historical information developed during CRRA's relocation in 2004 from the 17th and 18th floors of 100 Constitution Plaza (CP) to the 5th and 6th floors of the same building. The analysis, construction costs and floor plans were completed based on the assumption a move to Murphy Road would require offices and work stations to be built around the Trash Museum.

Current Situation

- The Trash Museum, Educators and Scale/Enforcement management are located at Murphy Road
- The Operations Engineers are located at the WPF
- 26 employees are located on the 5th and 6th floors of CP; 14 offices and 11 cubicles currently in use
- CRRA has 15,393 usable square feet out of 16,467 rentable square feet at CP
- Currently in the first extension of the lease agreement executed in 2004 with a total annual cost expenditure of \$296,490:
 - Annual Base Rent \$ 98,562
 - Annual Operating Expenses or Real Estate Taxes \$197,928
 - Lease termination effective date is June 30, 2013 with a fee of \$17,477 due in order for the termination to be accepted¹
- IT infrastructure and the central filing system are located on the 5th floor of CP
- CRRA administrative functions at CP include senior management, environmental engineering, billing, finance, accounting, analysis, communications, human resources, risk management, legal and document control
- It will cost CRRA approximately \$18,000 to have preliminary planning and design work completed for this project

Estimated Costs of Relocation

A reasonable estimate of the cost associated with relocating the administrative offices from CP to Murphy Road can be made based on the information from 2004 by using construction costs escalations. Further review will require the engagement of external consultants, review of staffing levels, work space allocation and future organizational considerations.

¹ If the lease agreement is terminated by June 30, 2014, the termination fee will decrease to \$9,000.

Relocation Cost Estimates - based on a review completed in 2004

Cost opinion submitted by Linda Fredrickson Design.

This information pertains to a complete relocation of the administrative offices from 100 Constitution Plaza to 211 Murphy Road.

Estimated Relocation and Construction Costs (a)

Renovations to 211 Murphy Road	\$ 262,663
Office, cubicle and miscellaneous disassembly at 100 Constitution	\$ 58,188
IT, telephone, data lines and power installations	\$ 72,400
Relocation of employees	\$ 19,875
Space planning, interior design and move coordination	\$ 43,750
Architectural and engineering design and coordination	\$ 27,500
	<u>\$ 484,375</u>

Estimated Relocation Project Costs

Preliminary planning and design work (b)	\$ 18,000
Architect	\$ 50,000
General Contractor - 10% of construction costs	\$ 48,438
Contingency	\$ 15,000
Project manager	\$ 100,000
Additional moving expenses	\$ 20,000
Security services and miscellaneous technology needs	\$ 50,000
	<u>\$ 301,438</u>

Cost of Lease Agreement Termination Fee

\$ 17,477

Total Estimated Costs of Relocation to 211 Murphy Road

\$ 803,290

Administrative Offices Expenses for 100 Constitution

Current annual rental costs for 16,467 sq. ft. of office space	\$ 98,562
Current annual costs of operating expenses for office space	\$ 197,928
	<u>\$ 296,490</u>

Administrative Offices Expenses for Murphy Road

Office space rental costs	\$ -
Annual operating expenses for office space	unknown
<u>Estimated Total Administrative Office Expenses if Located at Murphy Road</u>	unknown

Number of Years to Recoup Expenses Associated with Relocation

unknown

(a) All costs include a 25% escalation from the 2004 opinion submitted by LFD.

(b) This work will need to be completed prior to the start of any relocation initiatives.

TAB 5

**RESOLUTION REGARDING EMPLOYMENT OF HRP
ASSOCIATES, INC. FOR ENVIRONMENTAL CONSULTING
SERVICES IN SUPPORT OF THE SOUTH MEADOW
STATION SITE REMEDIATION**

RESOLVED: That the President of CRRA be authorized to execute a Request For Services with HRP Associates, Inc. for environmental consulting services in support of the South Meadow Station site remediation, substantially as presented and discussed at this meeting.

Connecticut Resources Recovery Authority

Contract Summary for Contract Entitled Request For Services Environmental Consulting Services in Support of the South Meadow Station Site Remediation

Presented to the CRRA Board on: April 25, 2013

Vendor/Contractor(s): HRP Associates, Inc.

Effective date: Upon Execution

Contract Type/Subject matter: Request for Services, Pursuant to Three-Year Engineering Services Agreement

Facility (ies) Affected: Mid-Connecticut Project – South Meadow Station Site

Original Contract: 110104-07

Term: July 1, 2012 - June 30, 2013

Current RFS 110104-07 was executed pursuant to the three-year services agreement, the term of which is 7/1/2010 – 6/30/2013

Contract Dollar Value: \$90,000 for FY 2013 (this represents a \$55,000 increase in the \$35,000 value of current RFS 110104-07). The funding source for this expenditure will be the South Meadows Site Remediation Reserve Account.

Amendment(s): Not Applicable

Term Extensions: Not Applicable

Scope of Services:

- Provide third party review, technical comment and opinion on submittals, plans, and reports prepared by TRC, CRRA and others;
- Attend regular project meetings to discuss environmental issues and project progress;
- Monitor site investigation and/or remedial activities.

Other Pertinent Provisions: None

Connecticut Resources Recovery Authority

Request For Services Environmental Consulting Services in Support of the South Meadow Station Site Remediation

April 25, 2013

Executive summary

This is to request approval for the President of CRRA to increase the value of an existing Request for Services with HRP Associates, Inc. for environmental consulting services in support of the South Meadow Station site remediation. This increase in value is necessitated by an increase in the on-site remediation work and report preparation by TRC Environmental Corporation.

Scope of Work

This project will involve the following scope of work:

- Review and offer technical comments on site environmental investigation data, characterization reports, proposed remedial actions, remedial action reports and verification reports.
- Assist CRRA and its legal counsel with regard to matters involving the filing of environmental land use restrictions (ELURs) for the site.
- Advise CRRA of proposed and promulgated revisions to the Connecticut Remediation Standard Regulations (RSRs), and the potential impacts of the revisions on the South Meadow Station site remediation requirements.
- Assist CRRA and CRRA's counsel in interpretation of, and drafting correspondence regarding, "Pre-existing Pollution Conditions," "New Pollution Conditions," and "Excluded Matters," as those terms are defined in the Exit Strategy™ Contract.
- Assist CRRA in identifying potential remediation data gaps that may impact final verification of the site remediation by TRC's Licensed Environmental Professional (LEP) under the Connecticut Remediation Standard Regulations.
- Review and offer technical comments on characterization data for off-site soils proposed by TRC for use at the site for backfilling excavations and/or isolating on-site contaminated soil.
- Participate in monthly project status meetings with CRRA and TRC.

- Conduct inspections and/or collect environmental samples for chemical analysis to monitor site investigation or remedial activities.

Discussion

On December 22, 2000, CRRA and TRC Companies, Inc. executed a contract entitled *Exit Strategy™ Contract For South Meadow Station Site Between Connecticut Resources Recovery Authority And TRC Companies, Inc.* (the “Exit Strategy™ Contract”). The Exit Strategy™ Contract was a prerequisite to the transfer of the South Meadows property and the Electric Generating Facility (EGF) from Connecticut Light & Power to CRRA in early CY 2001. The purpose of the Exit Strategy™ Contract was to establish TRC as the “Certifying Party” under the Connecticut Transfer Act, thereby shifting the environmental remediation responsibility to TRC following transfer of the property from CL&P to CRRA. TRC is therefore responsible for remediation of pre-existing pollution conditions at, under or migrating from the site as required by applicable law, including, but not limited to, the Transfer Act.

Under the Exit Strategy™ Contract, CRRA has the right to inspect and review progress of the remediation. CRRA also has the right to review, comment and object to any aspects of the proposed remedial actions that may adversely affect current or future operations at the site. Under the Exit Strategy™ Contract, CRRA also has the right to employ consultants to assist CRRA in the inspection and review processes.

Given these rights, CRRA has employed HRP Associates, Inc. (HRP) to assist CRRA in the inspection and review of proposed remedial action plans, active remediation and remedial action reports. Prior to execution of the Exit Strategy™ Contract, HRP provided associated environmental consulting support to CRRA, including completion of environmental investigations at the South Meadow Station site. Following execution of the Exit Strategy™ Contract, HRP has provided CRRA with environmental consulting support when requested by CRRA. This support is provided in consideration of requirements of the Connecticut Remediation Standard Regulations and CRRA’s current and future operations at the site.

At the beginning of FY2013, CRRA entered into RFS number 110104-07 with HRP, with a total estimated cost of \$35,000 for the fiscal year. During FY2013, TRC has significantly increased its on-site remediation and its report preparation efforts when compared to previous years. Specific tasks that HRP has performed and/or will perform during FY2013 include, but are not necessarily limited to, the following:

- Review and offer technical comments regarding site environmental investigation data, characterization reports, remedial actions plans, and remedial action reports. For FY2013, to date, HRP has reviewed and offered technical comments regarding:
 - Twelve remedial action reports drafted by TRC to address different areas of concern at the site;
 - Two remedial action plans and associated applications prepared by TRC to request DEEP approval to install engineered controls;
 - A proposed groundwater monitoring well network and sampling matrix; and

- A draft application prepared by TRC to request DEEP approval to utilize alternative groundwater remediation criteria for certain parameters of concern, and to utilize a remediation exemption contained within the RSRs that is applicable to sites containing “widespread polluted fill.”
- Assist CRRA and its legal counsel with regard to matters involving the filing of ELURs on the site. During FY2013, TRC drafted a proposed ELUR map and an associated “Decision Document” for review by CRRA.
- Review and offer technical comments on characterization data for off-site soils proposed by TRC for use at the site for backfilling excavations and/or isolating on-site contaminated soil.
- Assist CRRA and CRRA’s counsel in interpretation of, and drafting correspondence regarding, “Pre-existing Pollution Conditions,” “New Pollution Conditions,” and “Excluded Matters,” as those terms are defined in the Exit Strategy™ Contract.
- Assist CRRA in identifying any potential data gap issues regarding the remediation activities as they relate to compliance with the RSRs, and that may possibly impact final verification of the site remediation by TRC’s Licensed Environmental Professional (LEP).
- Participate in monthly project status meetings with CRRA and TRC.
- Conduct inspections and/or collect environmental samples for chemical analysis to monitor site investigation or remedial activities.

Under this Request for Services HRP will continue to provide support for those matters listed above, as well as other support that may be requested by CRRA that relates to remediation of the South Meadow Station parcel. The remediation of the South Meadow Station parcel is approximately 95% complete. Although the majority of remediation activity and documentation has been completed, there is still work to be undertaken by TRC to finalize and submit all remedial action reports, ELUR documentation, and a verification report. Additionally, there are two portions of the site (on-site wetland areas, and an area on the northern part of the site) where TRC still needs to complete characterization, develop remedial action plans, conduct remediation, draft remedial action reports, and complete the remediation verification reports.

Financial Summary

This expenditure will be funded from South Meadows Site Remediation Reserve Account; there are sufficient funds in this reserve account for this purpose.

TAB 6

RESOLUTION REGARDING AN INTERCONNECTION AGREEMENT WITH CONNECTICUT LIGHT & POWER

WHEREAS, the Authority is responsible for the expenditures associated with the closure of the MSW and Ash Residue areas and thirty years of post-closure monitoring and maintenance of the Hartford Landfill; and

WHEREAS, at its August 31, 2003 meeting, the Authority's Board of Directors established the Hartford Landfill Closure Reserve to fund all expenses associated with the landfill's closure activities; and

WHEREAS, on December 28, 2011, Connecticut DEEP approved alternative final capping systems for the Hartford Landfill that incorporate Solar Photovoltaic electricity production; and

WHEREAS, at its May 31, 2012 meeting, the Authority's Board of Directors approved the President to enter into the Standard Contract associated with the Connecticut Light and Power ("CL&P") RFP for the purchase and sale of Connecticut Class 1 Renewable Energy Credits from CRRA's proposed 1 Megawatt Solar Electricity Generation Facility ("EGF") at the Hartford Landfill; and

WHEREAS, at its September 27, 2012 meeting, the Authority's Board of Directors approved the use of the Hartford Landfill Closure Reserve to post a financial guaranty for the construction of the Solar EGF at the Hartford Landfill in the amount of \$34,166, refundable upon completion of the Project; and

WHEREAS, the Authority has submitted an Interconnection Application to CL&P for the connection of the proposed Hartford Landfill Solar EGF to CL&P's Electrical Power System, which Application was approved by CL&P; and

WHEREAS, to interconnect its proposed Solar EGF at the Hartford Landfill, the Authority must enter into the Standard Fast Track and Study Process Interconnection Agreement (the "Agreement") with CL&P; and

WHEREAS, the Agreement requires the Authority to pay certain costs associated with the interconnection of its Solar EGF, which costs are currently estimated to be \$12,000 by CL&P; and

WHEREAS: the Hartford Landfill Closure Reserve has sufficient funds for these activities.

NOW, THEREFORE, BE IT:

RESOLVED: That the Board of Directors authorizes the President to enter into the Standard Fast Track and Study Process Interconnection Agreement with CL&P.

FURTHER RESOLVED: that the Board of Directors approves the use of the Hartford Landfill Closure Reserve to pay \$12,000 in expenses associated with the Standard Fast Track and Study Process Interconnection Agreement.

TAB 7

Resolution Regarding Termination of the Agreement with the Southwest Regional Recycling Operating Committee for Transfer Station Operation, Transport Services and Disposal of Acceptable Recyclable Materials

RESOLVED: That the Board of Directors hereby authorizes the President to terminate the Agreement with the Southwest Connecticut Regional Recycling Operating Committee (SWEROC) for Transfer Station Operation, Transport Services and Disposal of Acceptable Recyclable Materials effective July 1, 2013, and in doing so waive the written 180-day notice requirement, substantially as presented and discussed at this meeting.

Agreement Summary

Transfer Station Operation, Transport Services and Disposal of Recyclable Materials

Presented to the CRRA Board	April 25, 2013
Facility	Stratford Recycling Transfer Station
Previous Contract	N/A
Contractor	N/A
Commencement Date	July 1, 2011
Term	July 1, 2011 – June 30 2014
Term Extensions	Term may be extended upon terms mutually agreeable to CRRA and SWEROC
CRRA Termination for Convenience	CRRA may terminate the agreement in the event there are not sufficient funds (revenue and/or reserves) to pay the costs associated with the operation and maintenance of the Stratford IPC as a recyclables transfer station.
SWEROC Termination	After the first contract year, SWEROC may terminate this Agreement for any reason or for no reason by giving at least 180 days written notice to the Authority.
Contract Type/Subject matter	Authorizes CRRA management of O&M, transportation, and processing of Stratford IPC Acceptable Recyclables and obligates ten (10) Southwest municipalities to deliver recyclables generated within their corporate boundaries to the Stratford IPC.
Scope of Services	CRRA shall operate and maintain the Stratford IPC as a transfer station for the purposes of accepting, transporting, and processing of Acceptable Recyclables received at the Stratford IPC at the Mid-Connecticut Regional Recycling Facility.
Contractor Compensation	N/A
Compensation Adjustments	N/A
Contract Value	N/A
Performance Security	N/A
Budget Status	No expenditure of funds is associated with this Agreement.

Connecticut Resources Recovery Authority Stratford Recycling Transfer Station

Agreement for Transfer Station Operation, Transport Services and Disposal of Recyclable Materials

Executive Summary

This is to request approval by the CRRA Board of Directors for the President to terminate the Agreement with SWEROC for Transfer Station Operation, Transport Services and Disposal of Recyclable Materials beyond the written 180-day advance notice period. Termination would be effective July 1, 2013.

Discussion

On July 1, 2011, CRRA began operating the former Stratford recycling center as a recyclables transfer station under a three-year Agreement to serve the ten (10) Connecticut municipalities located in the southwestern portion of the state that remain members of the SWEROC. This agreement obligated the ten municipalities to deliver recyclables to the Stratford facility and required CRRA to transport the recyclables to the Mid-Connecticut Regional Recycling Facility for processing and marketing. SWEROC was required to provide CRRA with 180-day advance notice if they chose to terminate the Agreement early.

Seeking more favorable economic results, CRRA conducted a request for proposals for recycling services for SWEROC in the spring of 2012. Two respondents, Winters Bros. and ReCommunity offered to provide alternative proposals that were subsequently considered by SWEROC during the late summer and fall months. SWEROC ultimately voted to conduct an additional RFP process for recycling services in December of 2012. Four companies responded to the RFP in January, 2013: Winters Bros., City Carting, Murphy Road Recycling and ReCommunity. Winters Bros. submitted the preferred proposal. At its meeting held on March 20, 2013, SWEROC voted to authorize its President to execute a contract with Winters Bros. for recycling services at its facility located in Shelton, CT.

SWEROC is now requesting that the Agreement with CRRA be terminated effective July 1, 2013 despite that the 180-day advance notice period expired prior to the selection of Winters Bros.

Upon termination of the agreement with SWEROC, CRRA will also need to provide notice to City Carting by May 1, 2013 to terminate the Agreement for Operation, Maintenance and Transportation Services for the Stratford Intermediate Processing Facility

Financial Summary

No expenditure of funds is associated with this Agreement. The loss of the SWEROC tons was contemplated in the FY 14 CSWS budget that was adopted by the Board in February.

Committee Action

The Policies and Procurement Committee made no recommendation on this resolution at their meeting held on April 11, 2013.

TAB 8

**RESOLUTION REGARDING DELIVERY OF COVER SOILS
TO THE HARTFORD LANDFILL**

RESOLVED: That the President is hereby authorized to enter into an agreement with Environmental Partners, LLC for delivery of soil to be used as contouring and cover material at the Hartford Landfill, and as approved by the Connecticut Department of Energy & Environmental Protection, substantially as discussed and presented at this meeting.

FURTHER RESOLVED: That the revenue received from this agreement will be deposited into the Hartford Landfill Closure Reserve.

Connecticut Resources Recovery Authority

Contract Summary for Contract Entitled

Special Waste Cover Soils Letter Agreement

Presented to the CRRRA Board on:	April 25, 2013
Vendor/ Contractor(s):	Environmental Partners, LLC
Effective date:	February 19, 2013
Contract Type/Subject matter:	Agreement. Delivery of CTDEEP approved soil to the Hartford Landfill to be used as grading and contouring material.
Facility (ies) Affected:	Hartford Landfill
Original Contract:	This is the original agreement
Term:	Through August 31, 2013 or upon CRRRA's decision to terminate
Contract Dollar Value:	\$700,000 (estimated based on up to 35,000 tons at \$20/ton). This is a REVENUE Contract.
Amendment(s):	None
Term Extensions:	Not applicable
Scope of Services:	Delivery of CTDEEP approved soil to the Hartford Landfill to be used as grading and contouring material. Generator – State of Connecticut DOT.
Other Pertinent Provisions:	None

Connecticut Resources Recovery Authority Hartford Landfill Delivery of Cover Soil

April 25, 2013

Executive Summary

CRRA has negotiated an agreement with Environmental Partners, LLC to deliver up to 35,000 tons of CTDEEP approved soil generated in the Connecticut DOT Hartford/ New Britain Busway Project to the Hartford Landfill for reuse as grading and contouring material.

In accordance with Section 5.11 (Market Driven Purchases and Sales) of CRRA's Procurement Policies and Procedures, this is to report to the CRRA Board of Directors that CRRA has entered into this market driven transaction, and to request that the CRRA Board of Directors authorize the President to enter into an agreement with Environmental Partners, LLC for the delivery of soil at the negotiated price.

Discussion

Although the Hartford landfill ceased accepting solid waste on December 31, 2008 and no longer needs soil for daily cover, CRRA continues to need soil to support landfill closure activities, and is permitted to accept CTDEEP approved soil to shape and grade the landfill surface in preparation for final closure.

Based on CRRA's need for CTDEEP approved soils to support landfill closure activities, and in accordance with Section 5.11 (Market Driven Purchases and Sales) of CRRA's Procurement Policies and Procedures, CRRA management periodically identifies prospective sources of non-virgin soils, acceptable to CTDEEP, that can be reused as cover and contouring materials for the landfill closure, and for which a disposal charge can be assessed to the generator or deliverer of the soil. CRRA then negotiates a disposal price for the soil with the company that generates or otherwise is managing such soil. CRRA staff originally established a list of approximately 20 companies (e.g., construction contractors, environmental remediation companies, environmental consultants) and periodically contacts companies to determine if they have quantities of such soil for shipment to the landfill.

Since July 2011, CRRA has received dozens of inquiries from owners, contractors, and consultants with potential sources of soil. Based on quantity, soil composition, the estimated delivery time frame, receipt of CTDEEP approval of the soil for use as cover material, and the Mid-Connecticut Project Permitting, Disposal and Billing Procedures, CRRA staff make a determination whether or not the soil would be of use, and if so,

negotiate a tip fee for soil delivered to the landfill with the generator or their representative.

The tip fee for the soil is negotiated based on CRRA's knowledge of the soil disposal market in the Connecticut and Western Massachusetts region. The fee can vary based on the demand for such soils in the region and generally the negotiated tip fees have been between \$10 and \$20 per ton. Two examples of such negotiations are described below.

In February 2012, CRRA was contacted by CTDOT regarding 80,000 to 150,000 tons of excess soil to be removed from its New Haven Harbor Crossing project and up to 15,000 tons of soil to be removed from its West Haven Train Station Project. CTDOT stated that it had some potential future no-cost outlets for the soil, but stated it would be willing to move the soil to CRRA if the price was competitive and if CRRA could commit to a large volume. CRRA staff, knowing that additional soil was needed for grading and contouring in advance of final closure, proposed a price of \$11/ton, the same price that was negotiated with the City of Hartford for soil it was generating, which CTDOT accepted. At its May 2012 meeting, CRRA's Board of Directors approved contracts to accept soil from each of these projects. Since May 2012, CTDOT has delivered over 100,000 tons of soil from these two projects.

In July, 2012, CRRA received an inquiry from a consultant involved in the CTDOT's I-95 Auxiliary Lanes, Interchange 14 to 15 Project (Project). The consultant stated that the Project would be generating excess soil that would need to be disposed of. CRRA staff received information that indicated the market rate for soil disposal at landfills in southwestern Massachusetts was approximately \$13/ton. Calculating that the additional cost of transportation to travel past CRRA's Hartford landfill to one of the Massachusetts landfills was approximately \$7/ton yields a total disposal price of \$20/ton to travel to a landfill further than the Hartford Landfill. Knowing this price, CRRA staff quoted a disposal price of \$20/ton, which the contractor accepted. At its October 2012 meeting, CRRA's Board of Directors approved a contract to accept soil from this project. Since October, 2012, CTDOT has delivered over 6,000 tons of soil from this project.

Based on its knowledge of the soil market in the region over the past year, CRRA staff believes that the market price for soil disposal in the Hartford area is \$20/ton. CRRA staff quoted a price of \$20/ton to Environmental Partners, LLC in January 2013, which Environmental Partners, LLC accepted. CRRA and Environmental Partners, LLC executed an agreement on February 19, 2013 for the delivery of the soil.

Financial Summary

This will provide up to approximately \$700,000 in revenue (35,000 tons at \$20.00 per ton). These revenues will be deposited in the Hartford landfill closure reserve account.

TAB 9

**RESOLUTION REGARDING DELIVERY OF COVER SOILS
TO THE HARTFORD LANDFILL**

RESOLVED: That the President is hereby authorized to enter into an agreement with CT Tank Removal, Inc. for delivery of soil to be used as contouring and cover material at the Hartford Landfill, and as approved by the Connecticut Department of Energy & Environmental Protection, substantially as discussed and presented at this meeting.

FURTHER RESOLVED: That the revenue received from this agreement will be deposited into the Hartford Landfill Closure Reserve.

Connecticut Resources Recovery Authority

Contract Summary for Contract Entitled

Special Waste Cover Soils Letter Agreement

Presented to the CRRA Board on:	April 25, 2013
Vendor/ Contractor(s):	CT Tank Removal, Inc.
Effective date:	January 30, 2013 (original agreement) March 25, 2013 (first amendment)
Contract Type/Subject matter:	Agreement. Delivery of CTDEEP approved soil to the Hartford Landfill to be used as grading and contouring material.
Facility (ies) Affected:	Hartford Landfill
Original Contract:	This is the original agreement and the first amendment
Term:	Through May 31, 2013 or upon CRRA's decision to terminate
Contract Dollar Value:	\$420,000 (estimated based on up to 21,000 tons at \$20/ton). This is a REVENUE Contract.
Amendment(s):	None
Term Extensions:	Not applicable
Scope of Services:	Delivery of CTDEEP approved soil to the Hartford Landfill to be used as grading and contouring material. Generator – 28 Southfield 2011, LLC.
Other Pertinent Provisions:	None

Connecticut Resources Recovery Authority Hartford Landfill Delivery of Cover Soil

April 25, 2013

Executive Summary

CRRA has negotiated an agreement with CT Tank Removal, Inc. to deliver up to 21,000 tons of CTDEEP approved soil generated from the clean-up of 28 Southfield Avenue, Stamford, CT Project to the Hartford Landfill for reuse as grading and contouring material.

In accordance with Section 5.11 (Market Driven Purchases and Sales) of CRRA's Procurement Policies and Procedures, this is to report to the CRRA Board of Directors that CRRA has entered into this market driven transaction, and to request that the CRRA Board of Directors authorize the President to enter into an agreement with CT Tank Removal, Inc. for the delivery of soil at the negotiated price.

Discussion

Although the Hartford landfill ceased accepting solid waste on December 31, 2008 and no longer needs soil for daily cover, CRRA continues to need soil to support landfill closure activities, and is permitted to accept CTDEEP approved soil to shape and grade the landfill surface in preparation for final closure.

Based on CRRA's need for CTDEEP approved soils to support landfill closure activities, and in accordance with Section 5.11 (Market Driven Purchases and Sales) of CRRA's Procurement Policies and Procedures, CRRA management periodically identifies prospective sources of non-virgin soils, acceptable to CTDEEP, that can be reused as cover and contouring materials for the landfill closure, and for which a disposal charge can be assessed to the generator or deliverer of the soil. CRRA then negotiates a disposal price for the soil with the company that generates or otherwise is managing such soil. CRRA staff originally established a list of approximately 20 companies (e.g., construction contractors, environmental remediation companies, environmental consultants) and periodically contacts companies to determine if they have quantities of such soil for shipment to the landfill.

Since July 2011, CRRA has received dozens of inquiries from owners, contractors, and consultants with potential sources of soil. Based on quantity, soil composition, the estimated delivery time frame, receipt of CTDEEP approval of the soil for use as cover material, and the Mid-Connecticut Project Permitting, Disposal and Billing Procedures, CRRA staff make a determination whether or not the soil would be of use, and if so, negotiate a tip fee for soil delivered to the landfill with the generator or their representative.

The tip fee for the soil is negotiated based on CRRA's knowledge of the soil disposal market in the Connecticut and Western Massachusetts region. The fee can vary based on the demand for such soils in the region and generally the negotiated tip fees have been between \$10 and \$20 per ton. Two examples of such negotiations are described below.

In February 2012, CRRA was contacted by CTDOT regarding 80,000 to 150,000 tons of excess soil to be removed from its New Haven Harbor Crossing project and up to 15,000 tons of soil to be removed from its West Haven Train Station Project. CTDOT stated that it had some potential future no-cost outlets for the soil, but stated it would be willing to move the soil to CRRA if the price was competitive and if CRRA could commit to a large volume. CRRA staff, knowing that additional soil was needed for grading and contouring in advance of final closure, proposed a price of \$11/ton, the same price that was negotiated with the City of Hartford for soil it was generating, which CTDOT accepted. At its May 2012 meeting, CRRA's Board of Directors approved contracts to accept soil from each of these projects. Since May 2012, CTDOT has delivered over 100,000 tons of soil from these two projects.

In July, 2012, CRRA received an inquiry from a consultant involved in the CTDOT's I-95 Auxiliary Lanes, Interchange 14 to 15 Project (Project). The consultant stated that the Project would be generating excess soil that would need to be disposed of. CRRA staff received information that indicated the market rate for soil disposal at landfills in southwestern Massachusetts was approximately \$13/ton. Calculating that the additional cost of transportation to travel past CRRA's Hartford landfill to one of the Massachusetts landfills was approximately \$7/ton yields a total disposal price of \$20/ton to travel to a landfill further than the Hartford Landfill. Knowing this price, CRRA staff quoted a disposal price of \$20/ton, which the contractor accepted. At its October 2012 meeting, CRRA's Board of Directors approved a contract to accept soil from this project. Since October, 2012, CTDOT has delivered over 6,000 tons of soil from this project.

Based on its knowledge of the soil market in the region over the past year, CRRA staff believes that the market price for soil disposal in the Hartford area is \$20/ton. CRRA staff quoted a price of \$20/ton to CT Tank Removal, Inc. in December 2012, which CT Tank Removal, Inc. accepted. On January, 2013, CRRA and CT Tank Removal, Inc. executed an agreement for the delivery of up to 6,000 tons of soil. In March 2013, CT Tank Removal, Inc. requested an increase in its approved quantity to 21,000 tons. Pursuant to this request, CRRA and CT Tank Removal, Inc. executed an amendment to the agreement on March 25, 2013 increasing the approved quantity to 21,000 tons.

Financial Summary

This will provide up to approximately \$420,000 in revenue (21,000 tons at \$20.00 per ton). These revenues will be deposited in the Hartford landfill closure reserve account.

TAB 10

**RESOLUTION REGARDING DELIVERY OF COVER SOILS
TO THE HARTFORD LANDFILL**

RESOLVED: That the President is hereby authorized to enter into an agreement with Empire Paving, Inc. for delivery of soil to be used as contouring and cover material at the Hartford Landfill, and as approved by the Connecticut Department of Energy & Environmental Protection, substantially as discussed and presented at this meeting.

FURTHER RESOLVED: That the revenue received from this agreement will be deposited into the Hartford Landfill Closure Reserve.

Connecticut Resources Recovery Authority

Contract Summary for Contract Entitled

Special Waste Cover Soils Letter Agreement

Presented to the CRRA Board on:	April 25, 2013
Vendor/ Contractor(s):	Empire Paving, Inc.
Effective date:	January 15, 2013
Contract Type/Subject matter:	Amendment to existing Agreement. Delivery of CTDEEP approved soil to the Hartford Landfill to be used as grading and contouring material.
Facility (ies) Affected:	Hartford Landfill
Original Contract:	No. This is the first Amendment to the original Agreement
Term:	Through July 31, 2013 or upon CRRA's decision to terminate
Contract Dollar Value:	\$1,300,000 (estimated based on up to 65,000 tons at \$20/ton). This is a REVENUE Contract.
Amendment(s):	None
Term Extensions:	Not applicable
Scope of Services:	Delivery of CTDEEP approved soil to the Hartford Landfill to be used as grading and contouring material. Generator – State of Connecticut DOT.
Other Pertinent Provisions:	None

Connecticut Resources Recovery Authority Hartford Landfill Delivery of Cover Soil

April 25, 2013

Executive Summary

CRRA previously negotiated and the Board of Directors approved a contract with Empire Paving, Inc. to deliver up to 50,000 tons of CTDEEP approved soil generated in the Connecticut DOT Hartford/ New Britain Busway Project to the Hartford Landfill for reuse as grading and contouring material.

In accordance with Section 5.11 (Market Driven Purchases and Sales) of CRRA's Procurement Policies and Procedures, this is to report to the CRRA Board of Directors that CRRA has entered into this market driven transaction, and to request that the CRRA Board of Directors authorize the President to execute an amendment to the agreement with Empire Paving, Inc. for delivery of additional soil at the negotiated price.

Discussion

On August 13, 2012, CRRA and Empire Paving, Inc. executed an agreement for the delivery of up to 50,000 tons of CTDEEP approved soil generated in the Connecticut DOT Hartford/New Britain Busway Project to the Hartford Landfill for reuse as grading and contouring material. On September 27, 2012, the Board of Directors authorized the President to enter into this market driven sale.

In December, 2012 Empire Paving, Inc. requested an increase in its approved quantity of CTDEEP approved soil from both CTDEEP and CRRA to 65,000 tons. CTDEEP issued an approval for the quantity increase on January 14, 2013, and CRRA and Empire Paving, Inc. subsequently executed an amendment to the agreement on January 15, 2013 to increase the approved quantity to 65,000 tons. This increase assists CRRA in its preparation work for final closure of the Hartford landfill while generating additional revenue for the final closure project.

Financial Summary

This will provide up to approximately \$300,000 in additional revenue (15,000 tons at \$20.00 per ton). These revenues will be deposited in the Hartford landfill closure reserve account.

TAB 11

**RESOLUTION REGARDING DELIVERY OF COVER SOILS
TO THE HARTFORD LANDFILL**

RESOLVED: That the President is hereby authorized to enter into an agreement with Manafort Brothers, Inc. for delivery of soil to be used as contouring and cover material at the Hartford Landfill, and as approved by the Connecticut Department of Energy & Environmental Protection, substantially as discussed and presented at this meeting.

FURTHER RESOLVED: That the revenue received from this agreement will be deposited into the Hartford Landfill Closure Reserve.

Connecticut Resources Recovery Authority

Contract Summary for Contract Entitled

Special Waste Cover Soils Letter Agreement

Presented to the CRRRA Board on:	April 25, 2013
Vendor/ Contractor(s):	Manafort Brothers, Inc.
Effective date:	December 12, 2012
Contract Type/Subject matter:	Amendment to existing Agreement. Delivery of CTDEEP approved soil to the Hartford Landfill to be used as grading and contouring material.
Facility (ies) Affected:	Hartford Landfill
Original Contract:	No. This is the second Amendment to the original Agreement
Term:	Through June 30, 2013 or upon CRRRA's decision to terminate
Contract Dollar Value:	\$532,500 (estimated based on up to 35,500 tons at \$15/ton). This is a REVENUE Contract.
Amendment(s):	None
Term Extensions:	Not applicable
Scope of Services:	Delivery of CTDEEP approved soil to the Hartford Landfill to be used as grading and contouring material. Generator – Metropolitan District Commission.
Other Pertinent Provisions:	None

Connecticut Resources Recovery Authority Hartford Landfill Delivery of Cover Soil

April 25, 2013

Executive Summary

CRRA previously negotiated and the Board of Directors approved an agreement with Manafort Brothers, Inc. to deliver up to 25,500 tons of CTDEEP approved soil generated in the Combined Sewer Separation Project on Granby Street in Hartford, Connecticut to the Hartford Landfill for reuse as grading and contouring material.

In accordance with Section 5.11 (Market Driven Purchases and Sales) of CRRA's Procurement Policies and Procedures, this is to report to the CRRA Board of Directors that CRRA has entered into this market driven transaction, and to request that the CRRA Board of Directors authorize the President to execute an amendment to the agreement with Manafort Brothers, Inc. for delivery of additional soil at the negotiated price.

Discussion

On September 28, 2010, CRRA and Manafort Brothers, Inc. executed an agreement for the delivery of up to 25,500 tons of CTDEEP approved soil generated in the Combined Sewer Separation Project on Granby Street in Hartford, Connecticut to the Hartford Landfill for reuse as grading and contouring material. On October 28, 2010, the Board of Directors authorized the President to enter into this market driven sale.

In November, 2012 Manafort Brothers, Inc. requested an increase in its approved quantity of CTDEEP approved soil from both CTDEEP and CRRA to 35,500 tons. CTDEEP issued an approval for the quantity increase on December 6, 2012, and CRRA and Manafort Brothers, Inc. subsequently executed an amendment to the agreement on December 12, 2012 to increase the approved quantity to 35,500 tons. This increase assists CRRA in its preparation work for final closure of the Hartford landfill while generating additional revenue for the final closure project.

Financial Summary

This will provide up to approximately \$150,000 in additional revenue (10,000 tons at \$15.00 per ton). These revenues will be deposited in the Hartford landfill closure reserve account.

TAB 12

**RESOLUTION REGARDING RATIFICATION OF EMERGENCY
PROCUREMENT CONTRACT**

RESOLVED: That the CRRRA Board of Directors ratifies the Emergency Procurement as substantially presented and discussed at this meeting.

Emergency Procurement Contracts

April 25, 2013

The following written evidence is being provided to the Board for ratification pursuant to Sections 2.2.12 and 5.10 of the CRRA Procurement Policy.

2.2.12 “Emergency Situation”

“Emergency Situation” shall mean a situation whereby purchases are needed to remedy a situation that creates a threat to public health, welfare, safety or critical governmental or CRRA service or function. The existence of such a situation creates an immediate and serious need that cannot be met through the normal procurement methods and the lack of which would seriously threaten: (i) the health or safety of any person; (ii) the preservation or protection of property; (iii) the imminent and serious threat to the environment; or (iv) the functioning of CRRA. Any such situation shall be documented with written evidence of said situation.

5.10 Emergency Procurements

In the event of an Emergency Situation as defined herein, the procedures for pre-approval of Contracts in these Policies and Procedures by the Board do not apply. When the President, Chairman, or designee determines that an Emergency Situation has occurred, the President, Chairman, or their designee is authorized to enter into a Contract under either a competitive or sole source basis, in such amount and of such duration as the President, Chairman, or their designee determines shall be necessary to eliminate the Emergency Situation. Such Emergency Situation contract(s), with written evidence of said Emergency Situation, shall be presented to the Board for ratification as soon as practicable following the execution of the Contract. The Board shall ratify such emergency Contract unless it is determined that under no circumstances would a reasonable person believe that an Emergency Situation existed.

Emergency Procurements

<u>Date</u>	<u>Description</u>	<u>Contract Value</u>	<u>Vendor</u>
3/28/2013	FY – 2013. Emergency purchase of rebuild of Boiler Feed Water Pump #6A. See attached Memo dated 3/28/2013.	\$210,000.00	NAES, subcontracting to Sulzer Pump, Inc.

Memorandum

To: Tom Kirk, CRRA President
CC: Peter Egan, Environmental Affairs & Development Director
From: Rich Quelle, Senior Engineer
Date: 03/28/2013
Re: Power Block Facility (PBF) - Emergency Repairs for a failed Boiler Feed Water Pump (BFP) #6A.

This is to inform you of emergency repairs to BFP #6A at the PBF.

On March 2nd, 2013 BFP #6A pump seal failed again after an attempt by NAES in-house personnel to repair a previous pump seal failure that occurred in late February 2013 on the same BFP. With no parts left to work with onsite NAES thought it would be best to not waste any additional time and removed the entire pump from its foundation and shipped it directly to the original equipment manufacturer (OEM) Sulzer Pump Inc. for an internal inspection.

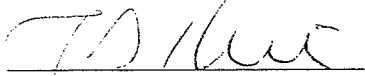
Once the BFP was disassembled and inspected at the OEM's service center it was determined that the pump had experienced excessive heat for long periods of time during its operation. The rotating element and stationary components of the BFP are unrepairable and new components will have to be built. The pump casing is also damaged and will require weld repairs along with a hydrostatic testing. These repairs will take almost twelve weeks to repair.

It was also recommended by the OEM to inspect the BFP's recirculation control valve body internals because of the excessive heat damage found in the pump. NAES disassembled the valve and found the valve cage cracked with portions of the cage plugged with sediment. Based on these finds it has been determined that the recirculation valve was the major contributor to the failure of the BFP. NAES has since made it an action item to move forward with inspecting the other PBF BFPs recirculation valves so we can prevent this failure from reoccurring.

NAES mobilized Sulzer Pump, Inc. on an emergency basis to assist in implementing these repairs. This vendor is the OEM for BFP and has previously provided services satisfactorily to CRRA. The emergency is considered critical to operations of the

PBF. The cost of these repairs is estimated to be \$210,000.00. The cost is broken into two parts; one part to repair the BFP itself and the other part to repair the BFP's recirculation valve. If CRRA was to invest in a new BFP from the OEM the cost would be \$375,000 (just for the pump; recirculation valve is an additional \$30,000) with a lead time of 40 weeks. This expense will be paid from the facility modification reserve.

I would be able to discuss this with you at your convenience.



Thomas D. Kirk
President, Duly Authorized

TAB 13

**RESOLUTION REGARDING ADDITIONAL PROJECTED LEGAL
EXPENDITURES**

WHEREAS, CRRA has entered into Legal Service Agreements with various law firms to perform legal services; and

WHEREAS, the Board of Directors has previously authorized certain amounts for payment of fiscal year 2013 projected legal fees; and

WHEREAS, CRRA expects to incur greater than authorized legal expenses for litigation services;

NOW THEREFORE, it is RESOLVED: That the following additional amount be authorized for projected legal fees and costs to be incurred during fiscal year 2013:

<u>Firm:</u>	<u>Amount:</u>
McCarter & English	\$50,000

TAB 14

RESOLUTION REGARDING ENGAGEMENT OF HORTON INTERNATIONAL,
LLC, FOR HUMAN RESOURCES CONSULTING SERVICES

Resolved: That the President of CRRA is hereby authorized to execute a Request for Services with Horton International, LLC, for human resources consulting services, substantially as presented and discussed at this meeting.