

# City Council Announcements

## February 15, 2005

### **A. Decisions, Feedback & Information needed by staff**

1. Attached is the Quarterly Update for Salt Lake Valley Solid Waste Management Facility. **Does the Council wish to have a briefing?**

### **B. For Your Information**

1. Attached is the financial audit for the Library. The Auditors will be in attendance at the Work Session to respond to questions relating to the City's financial statements. If you have any questions regarding the Library Audit, you may mention them at that time.
2. Attached is a Grant application submitted by the City.

# Grant Submission Notification Memo

**TO:** Rocky Fluhart, Steve Fawcett, Cindy Gust-Jenson  
**FROM:** Grant Acquisition Team  
**DATE:** 2/11/2005  
**SUBJECT:** 2005 Critical Lands Planning Grant

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**FUNDING AGENCY:** Governor’s Office of Budget and Planning / Utah Quality Growth Commission

**REQUESTED AMOUNT:** \$10,000

**DEPARTMENT APPLYING:** Planning Division of the Community Development Department

**COLLABORATING AGENCIES:** None

**DATE SUBMITTED:** February 7, 2005

**SPECIFICS:**

☐ Technical Assistance (Training) ☐ Equipment Only  
☐ Provides \_\_\_\_\_ FTE Position(s)  
☐ Existing ☐ New ☐ Overtime ☐ Requires Funding After Grant

Explanation: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

☒ Match Required 100% ☒ In Kind ☒ Cash  
☐ Computer Software Development ☐ In House ☐ Contract Services  
☐ New Program (City not performing function now)

**GRANT DETAILS:**

- The Planning Division requested \$10,000 from the 2005 Critical Lands Planning Grant Program to conduct the Salt Lake City Critical Open Lands Inventory and Preservation Priority Assessment.
- If awarded, the funds will be used to hire a consultant to compile an inventory of the ownership, existing land use, development potential, and the natural constraints on the 1,155 land parcels (26,746 acres) zoned as open space in Salt Lake City. The City’s planning staff will use the inventory to assess existing constraints on the open lands and to develop a proposed open lands preservation priority and use classification system.
- Summary of requested funds and required cash match of 25% of project costs:

	City Match	City Match	Grant Request	Total Project
	Cash	In-Kind		
Personnel/Staff Salaries	\$0	\$5,000	\$0	\$5,000
Material	\$5,000	\$0	\$0	\$5,000
Contractual	\$0	\$0	\$10,000	\$10,000
Total	\$5,000	\$5,000	\$10,000	\$20,000

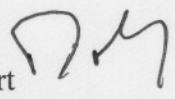
- The required cash match of \$5,000 will be funded from the FY 2004/2005 general operating budget of the Community Development Department.

RICHARD GRAHAM  
PUBLIC SERVICES DIRECTOR


**SALT LAKE CITY CORPORATION**  
DEPARTMENT OF PUBLIC SERVICES

ROSS C. "ROCKY" ANDERSON  
MAYOR

**COUNCIL TRANSMITTAL**

**TO:** Rocky Fluhart   
Chief Administration Officer

**DATE:** January 25, 2005

**FROM:** Rick Graham, Director   
Public Services Department

**SUBJECT:** Salt Lake Valley Solid Waste Management Facility Quarterly Update

**STAFF CONTACT:** Rick Graham 535-7774  
Romney Stewart 974-6920

**DOCUMENT TYPE:** Information Only

**RECOMMENDATION:** No Action Requested

**FUNDUNG:** None

**BACKGROUND/DISCUSSION:** The City Council has requested a quarterly update about activities at the Landfill and progress made toward meeting its annual goals and objectives. Attached to this transmittal are:

4<sup>th</sup> Quarter Update for Goals and Objectives  
2004 Year End Statistical Report  
2004 Recycling Office Statistical Report

If the Council would like additional information I will be happy to provide it.

**PUBLIC PROCESS:** None Required

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01/21/05

**SALT LAKE VALLEY SOLID WASTE MANAGEMENT FACILITY  
MAJOR GOALS AND PROGRAMS FOR 2004  
4th Quarter Update**

**Institutional and Administrative:**

- 1. Staff shall quarterly assess market related waste trends and their potential impact on our Long Term Strategic Plan. We will then initiate steps to respond accordingly and balance tonnage, revenues, and expenses. The Council shall quarterly evaluate organizational structure and budget categories to ensure that we are in line with market conditions.** Solid waste staff frequently met with Salt Lake City and County public works officials regarding tonnage inflow, fee revenues, program costing, trends, etc.
- 2. We should evaluate in depth the assessment data compiled by our consultant regarding the six remote regional landfill sites that have emerged. We should acknowledge and review unanswered questions, consider other potential sites or options, determine additional data and analysis that is needed, and decide upon the next steps to take within an appropriate time frame.** The Long-Term Landfill Disposal Alternatives Evaluation for the Wasatch Front Communities was presented to the Council on February 27<sup>th</sup>. Monthly discussions were held. A national legal consultant was engaged to evaluate alternatives to retain the flow of municipal solid waste now coming to the landfill. The 'last chapter' of our destiny as concurred with by our elected officials must be determined.
- 3. The contract with a professional consultant to update the Salt Lake Valley Landfill Master Plan will enable us to renew our DEQ permit in March 2005, ensure ongoing regulatory compliance, maximize landfill life capacity, list the preferable sequence of module excavations and landfilling, phase the development of a beneficial end use plan, and provide valuable data for us in order to properly balance the landfilling and exporting of incoming waste through the transfer station.** EMCON/OWT has been selected to update the landfill master plan. They have been reviewing many documents in order for them to conduct design background work for the master plan.

4. **Re-evaluate our designated reserve funds, balance goals and cap amounts based on projected tonnage, and the annual contribution amounts in view of the updated landfill master plan.** Fund balances for the December 31, 2003 financial statements have been reconciled. The required annual deposit to postclosure fund was made on time. Alternatives are being studied and evaluated for the designated funds and cash balances. Recommendations will blend with the updated landfill master plan.
5. **Consider measures to retain our customer base and waste flow at a preferable level for the Salt Lake City and Salt Lake County.** Increasing the life capacity of the Salt Lake Valley Landfill, lowering tipping fees, implementing a commercial waste franchise ordinance, contracts with commercial customers, modifying the Salt Lake County Geographical Limitation Ordinance, and various other measures or combinations thereof are being considered.

**Environmental, Technical & Construction Services:**

1. **Ensure the updated Landfill Master Plan completely addresses all necessary elements included in the contract and the impacts of expanded recycling and bulky waste programs and the export of incoming waste to regional landfills.** EMCON/OWT is reviewing the environmental design/construction data along with tonnage information to determine the maximum capacity of the landfill. Construction/fill sequence, methane gas collection, beneficial end use, etc are all being reviewed and will be incorporated into the updated Landfill Master Plan. The expected completion date is March 2005.
2. **Jointly work with DTE Energy Biomass in a cooperative and aggressive manner to beneficially use all of our landfill methane gas by the end of the year.** DTE Energy has expanded their search for potential landfill gas customers beyond direct gas usage to electrical generation and distribution. They are very encouraged about working through Utah Associated Municipal Power Systems (UAMPS) to have Utah Power wheel electricity to a customer such as Murray City a member of UAMPS. DTE will begin construction and installation of electrical generation equipment once a user agreement has been signed.
3. **Monitor closely the soils regeneration contractor's relocation efforts so that inbound waste assessment, soil's processing, and soil amendment delivery arrangements are mutually beneficial.** The Solid Waste Management Council has extended the existing contract with E.T. Technologies until December 31, 2006. Odor reduction, waste acceptance, waste processing and finished topsoil products continue to be



monitored. The soils regeneration operation is beneficial for not only the landfill but also for Salt Lake businesses and residents.

4. **Insure the proper design and timely completion of capital improvement projects, e.g. exit road at transfer station, repair compost processing area, slurry seal parking lot, repair shop floor, addition to education center, extend railroad spur, asphalt for refrigerator pad, upgrade inside shop walls, install new carpet in administration building, install perforated gas lines, and flare station monitoring system.** Capital improvement projects for 2004 are in various stages of construction. Most capital projects were completed by the end of the year. Extending the railroad spur and installation of the perforated gas lines were postponed and included as 2005 capital improvement projects.
5. **Assess the pros and cons of the leachate evaporation pond west of the compost processing area and make appropriate improvements or modifications. Evaluate the other evaporation ponds on Module 1.** The contained water runoff from the compost processing area is being reapplied to the compost windrows. The water is also being used at the landfill for on-site dust control.
6. **Establish a preventative maintenance schedule for Solid Waste facility buildings and associated equipment.** Facility preventative maintenance schedules are being reviewed and established for all Solid Waste Management owned facilities, buildings, and equipment.
7. **Maintain the necessary permits for the continued operation of the landfill and transfer station.** The numerous business, operational, and environmental permits for the Salt Lake Valley Landfill and Transfer Station are being tracked and kept current.

### **Operations:**

**1. Schedule the timing of landfilling and compaction in Modules 6 & 7 in conjunction with the installation of methane gas collection lines, customer road access and departure, and seasonal variations. Begin to landfill Module 7 in the spring and stockpile gravel products on Mod. 3,4,&5.**

Landfilling in Module #7 began on March 24<sup>th</sup>. Customers have been re-routed for shorter drive distances. Level three in Module #6 was finished on April 22<sup>nd</sup>. Landfilling locations in Module #7 had to be adjusted to accommodate the Lori Hacking search. The delivery of gravel products has been completed.

**2. Evaluate and implement means to increase the inventory of compostable green waste materials. Consider and implement various incentives for customers to bring more green waste to our landfill and to buy compost. Continually have premium compost available for sale.**

In the spring incoming green waste increased due to heavy winter snow and a large inventory of premium compost became available for sale. After a yard waste fee comparison between Mt. View landfill and the Salt Lake Valley landfill it was decided to leave our fees the same for incoming yard waste. The inventory of compost did not become low until June. The amount of compost sold during 2004 was \$22,668 less than 2003. Incoming yard waste has increased by 25% and our inventory is good going into 2005.

**3. Properly balance the usage of the transfer station with the landfill in order to best serve and retain customers at a conservative cost.** There have been delays in obtaining rail cars delivered by Union Pacific from ECDC. Two trucks have been re-routing waste to the landfill.

**4. Work more closely with Salt Lake City, Salt Lake County, and West Valley City residential collections services to coordinate recycling, bulky waste pickup, and disposal of their waste.** Staff has engaged in ongoing visits with these large public entities. Also bimonthly patron's meetings are being held. There has been good coordination with Salt Lake County Sanitation on their bulky waste pickup program at the transfer station. Also, Salt Lake County Sanitation has discussed a number of transfer station safety issues at their safety meetings. In the 3<sup>rd</sup> quarter County Sanitation completed their neighborhood cleanup and we coordinated our efforts well.

**5. Expand the training and certification program for operators, provide a CPR training and certification class, and certify all Traffic Controllers through UDOT. These will reduce the number of accidents and lost time injuries. Consider having a portable defibrillator at the landfill.** A CPR class was held and 26 employees were certified. Defibrillators were purchased for the landfill and transfer station and employees were trained for using them.

**6. Increase the volume of recyclable materials recovered at the landfill tipping face, citizen unloading station, and the transfer station.** The selling price for all types of metals has increased nationally. As a result more of the public is recycling metal and there is less coming to the landfill and transfer station. During 2004 the amount of incoming metal recovered was 2602 tons which is 464 fewer tons than 2003 but revenue in 2004 has increased \$80,733 over 2003 due to higher prices for metal.

#### **Public Information and Recycling Office:**

- 1. Promote and market solid waste facility services and products (HHW, compost, woodchips, recycling drop-off center, wildlife overlook) to the public.** In April we distributed Recycling Guides and Earth Day publications in the Salt Lake Tribune and Deseret Morning News to Salt Lake valley residents to help make them aware of drop-off points and our HHW, composting, and wildlife pond overlook locations. In July we participated in the County Fair and Boy Scout Jamboree. An advertisement was placed in the Salt Lake Tribune and Deseret Morning News on September 24<sup>th</sup>→26<sup>th</sup> to promote fall compost sales. YTD our Hotline phone number has assisted 10,463 residents and businesses.
- 2. Improve and update the content of tours and presentations for groups and publicize the services and programs of the Recycling Information Office.** Distributed flyers to teachers in all school districts promoting tours and presentations relating to curriculum topics. YTD 12,291 students have participated in classroom presentations or tours to the landfill. Our presentations have been extended to County libraries and senior centers upon request. The new education building has been expanded and updated with a new recycling message for 2005.



- 3. Encourage and support valley-wide recycling activities, e.g. America Recycles Day, Christmas Tree Recycling, and Earth Day.** The Recycling Information Office sponsored an Earth Day celebration at Library Plaza on April 24<sup>th</sup>. We organized environmental information booths, kids activities, and a 'Recycled Fashion Show'. The Recycling Information Office also had a display at the Utah Arts Festival and other community events. We assisted Salt Lake City in a 'cans for cash contest' on America Recycles Day. We provided education materials and helped gather volunteers. Channel 2, 5, & 7 and the Salt Lake Tribune all ran stories on Christmas tree recycling.
- 4. Develop a program with local government entities to reduce the amount of electronic waste e.g. computers, monitors, televisions, cell phones, etc. coming to the landfill for disposal.** On August 7<sup>th</sup> the Recycling Information Office hosted its 3<sup>rd</sup> e-waste event in which 125 residents participated and 541 items were recycled. On November 13<sup>th</sup> we held an electronic recycling drive and collected over 655 electronic items from 140 residents. The RIO partnered with the Salt Lake Valley Health Department and the Recycling Coalition of Utah.
- 5. Educate businesses on the advantages of recycling and alternatives to disposal of recyclable materials in the landfill.** We wrote an article in the Enterprise encouraging businesses to recycle and find out more about recycling. Participated in the Green Living Fair downtown where we passed out Recycling Resource Guides to businesses. Attended the Utah Department of Community and Economic Development Business Services meeting to promote recycling at business locations. A handout was distributed with recycling options and a list of recycling companies focusing on paper and electronic recycling.
- 6. Encourage City and County Departments to recycle and purchase products made from recycled content.** The Recycling Information Office met with the Salt Lake Valley Environmental Quality Advisory Board who will continue to pursue recycling and purchasing products made with recycled content. Conducted an in-house survey to determine the number of County divisions participating in recycling.

**SALT LAKE VALLEY SOLID WASTE MANAGEMENT FACILITY**  
**Statistical Summary**  
**January → December 2004 Year End Report**

	<b>WASTE VOLUMES</b>		
	<u>2002</u>	<u>2003</u>	<u>2004</u>
<b>Tonnage Crossing Scales</b>	<b>1,120,875</b>	<b>1,067,769</b>	<b>1,092,987</b>
<b>Landfilled MSW Tons</b>	<b>596,529</b>	<b>569,248</b>	<b>633,451</b>
<b>Transfer Station MSW Tons</b>	<b>+ 179,643</b>	<b>+164,470</b>	<b>+154,300</b>
<b>Total Landfill &amp; Transfer Station MSW Tons</b>	<b>776,172</b>	<b>733,718</b>	<b>787,751</b>
<b>Clean Fill Tons</b>	<b>159,623</b>	<b>141,792</b>	<b>138,034</b>
<b>Other Diverted Tonnage</b>	<b>185,080</b>	<b>192,259</b>	<b>167,202</b>
<b>Citizen Loads</b>	<b>107,210</b>	<b>98,692</b>	<b>102,555</b>

Other diverted tonnage is waste crossing scales that is not landfilled but is used beneficially on or off site. It includes auto fluff, E.T. waste, yard waste, broken concrete, metals, carpet pad, batteries, and cardboard.

In comparison with 2003 there was a decrease in Transfer Station tons because of closures due to delays in rail car delivery by Union Pacific. Salt Lake City Sanitation tonnage is 5% above 2003 and Salt Lake County Sanitation tonnage is also up because of their new neighborhood bulky waste program. Commercial waste has increased 4%. Citizen loads have increased by 4% and yard/wood waste has increased by 23%. Auto fluff tonnage has decreased by 9.8% in 2004. Other diverted tonnage is also down largely because the E.T. Tech. wastestream has fallen off.

### REVENUES

**Landfill Fee Payments Received: \$14,881,760 or 106% of the \$14,000,000 budgeted in 2004. \$278,000 in additional revenue came from the Little Cottonwood Canyon contaminated soil cleanup.**

**Salvage sales also exceeded the budgeted amount. Compost sales revenue was \$380,408.**

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# **Salt Lake Valley Recycling Information Office** **Year to Date Statistical Report** **for 2004**

FIRST QUARTER				
MONTH	JANUARY	FEBURARY	MARCH	TOTALS
Group Info.	60	30	250	340
Mail Info.	4	2	2	8
Calls	757	717	1,066	2,540
Tours	5	5	9	19
Attendance	155	25	305	
Fairs	0	0	1	1
Attendance	0	0	500	500
Presentation	4	1	7	12
Attendance	238	35	256	529
Total People Reached				#VALUE!

SECOND QUARTER				
MONTH	APRIL	MAY	JUNE	TOTALS
Group Info.	2,485	476	277	3,238
Mail Info.	8	3	5	16
Calls	1,261	837	949	3,047
Tours	57	31	11	99
Attendance	1,684	1,871	602	4,157
Fairs	5	3	4	12
Attendance	1,050	210	800	2,060
Presentation	42	28	6	76
Attendance	2,157	1,650	321	4,128
Total People Reached				16,646

THIRD QUARTER				
MONTH	JULY	AUGUST	SEPTEMBER	TOTALS
Group Info.	247	0	1,090	1,337
Mail Info.	0	4	3	7
Calls	906	832	836	2,574
Tours	13	1	8	22
Attendance	134	18	116	268
Fairs	0	4	2	6
Attendance	0	300	400	700
Presentation	0	2	5	7
Attendance	0	1,164	699	1,863
Total People Reached				6,749

FOURTH QUARTER				
MONTH	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Group Info.	0	0	0	0
Mail Info.	2	5	0	7
Calls	766	769	767	2,302
Tours	8	7	2	17
Attendance	198	196	24	418
Fairs	3	1	0	4
Attendance	350	150	0	500
Presentation	6	2	13	21
Attendance	191	57	323	571
Total People Reached				3,798

Total People Reached To Date	#VALUE!
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Mail Info.	38
Group Info.	4,915
Calls	10,463
Tours	157
Attendance	#VALUE!
Fairs	23
Attendance	3,760
Presentations	116
Attendance	7,091

2003 YTD Percentage from 2002 Data	#VALUE!
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Mail Info.	45.24%
Group Info.	126.48%
Calls	129.03%
Tours	97.52%
Attendance	#VALUE!
Fairs	69.70%
Attendance	96.98%
Presentations	100.87%
Attendance	92.34%

Wildlife View	January	0	April	1140	July	67	October	143
	February	0	May	1394	August	0	November	160
	March	196	June	527	September	27	December	0