



Report to the Board of Directors

* Revised 3/15/17

ITEM NO. 5

N/A

Finance Manager/Controller-Treasurer

General Manager/CAO

N/A

Legal Counsel

Date: March 16, 2017

From: Erika Trujillo, Clerk of the Board
Patrick Mathews, General Manager/CAO

Title: Appointments to the Citizens Advisory Group

RECOMMENDATION

Staff recommends that the Board review the Citizens Advisory Group nominees and make the appointments.

STRATEGIC PLAN RELATIONSHIP

The CAG was established during the 2013-16 Strategic Plan Goals to "Increase Public Access, Involvement, and Awareness of SVR Activities," and "Complete Development of the Salinas Area Transfer Station and Materials Recovery Center."

In the new 2016-19 Strategic Plan, the Board has requested a review of the Group's terms, future appointments, and responsibilities under the goal to "Promote the value of SVR services and programs to the community."

FISCAL IMPACT

There is no fiscal impact.

DISCUSSION & ANALYSIS

At the August 22, 2013 meeting, the Board approved the following qualifying criteria for the selection of appointments to the Citizens Advisory Group (CAG).

Qualifying criteria:

- 1) The appointee should be a resident of the appointing Board member's jurisdiction.
- 2) The appointee should have no direct contractual relationship with the Authority.
- 3) The Board should have final approval of all nominee appointments.

- The CAG was created to have one appointee from each Authority Board Director. As of today, we have received **three** new nominations and four reappointments. **Two** of the **three** new nominees fulfill the qualifying criteria, the **third** nominee's qualification is pending until application is received and reviewed. See "Attachment 1" for an update of the appointment nominations made to date.

BACKGROUND

The CAG has been instrumental in providing input and perspective on the activities of SVR. In particular, they have worked with staff to complete the Salinas Area Materials Recovery Center Site Selection process, which lead the Board to initiation of several project options currently being reviewed under the California Environmental Quality Act as well as preparation of full financial analyses and economic development benefits.

Staff believes that the next role for this group will be to provide ongoing review and comment for the Board and project staff on the three due diligence studies underway for the future SVR Facility needs assessment, including the environmental impact report, long-range financial analysis and economic benefits study. Their roles will be to review and comment on components of draft documents prior to full release and to assist in tailoring the outreach and education efforts throughout the project review process to maximize public participation and understanding.

The new goal to “Promote the Value of SVSWA Services and Programs to the Community” will also benefit from the input and guidance of the CAG.

Attendance History – Eight Meetings from September 2014 through December 2016

CAG Member	Sept 2014	Jan 2015	Aug 2015	Sept 2015	Dec 2015	June 2016	Nov 2016	Dec 2016	Meetings Attended
Paula Getzelman	1	1	1	1	1	1	1	1	8
John Fair	1	0	1	1	1	1	0	0	5
Janet Barnes	1	0	1	0	1	0	0	1	3
Robert Brandt	1	0	0	0	0	0	0	0	1
Daniel Raquinio	1	1	1	1	1	1	1	1	8
Total	5	2	4	3	4	3	2	3	

As you can see from the attendance record above, there has been a strong core of active attendees, but several have run into personal or business conflicts keeping them from attending the meetings regularly. Two existing CAG members have been resigned by other Board members as a result of changes in the Boards make up in 2017

ATTACHEMNT(S)

1. List of Appointment Nominees to Citizens Advisory Group

ATTACHMENT 1

Citizens Advisory Group Nominations & Qualification Verification Updated 3/16/2017

	Appointing Director	Jurisdiction	Nominee	Application Received	Meets Qualifications	Staff Comments
1	Simon Salinas	County of Monterey	Paula Getzelman	10/17/13	YES	
2	John Phillips	County of Monterey	Grant Leonard	3/15/17	YES	
3	Tony Barrera	City of Salinas	John Fair	6/19/13	YES	
4	Kimbley Craig	City of Salinas	John Bailey	No		Information provided by email. Application sent on 3/3/17. Reminder sent on 3/7/17.
5	Gloria De La Rosa	City of Salinas	Janet Barnes	8/17/14	YES	
6	Robert Cullen	City of King	Daniel Raquinio	6/19/13	YES	
7	Liz Silva	City of Gonzales	Outstanding			
8	Avelina Torrez	City of Greenfield	Irene Garcia	2/16/17	YES	
9	Christopher Bourke	City of Soledad	Outstanding			

* Incomplete status.

NOTE: Qualifying criteria was approved 8/22/2013

DRAFT
INCLUDING FINAL PROPOSED EDITS

Taking a New Look at Trash

Salinas Valley Recycles takes a new look at the best approach to managing our trash




WHAT'S INSIDE

Pg. 2

The Clean Fiber and
Organics Recovery System

Pg. 3

Trash  **management options**

Pg. 4

Get  **involved!**

SVR Needs Your Help to Shape the Future of Garbage in the Region

BY KATE GONZALES



Salinas Valley Recycles is looking at smarter ways to manage the region's trash. The goal is to maximize the value of what is thrown away and clean up the environment for future generations.

Residents' participation in the process will help Salinas Valley Recycles (SVR) determine if there is a different and better way to manage our community's trash. The fact is, what happens with our garbage decades, even centuries, after it's taken from our homes matters for the health of Salinas Valley, both environmentally and economically. Salinas Valley Recycles, the joint powers authority responsible for managing the region's solid waste, is researching five projects that could potentially reshape our approach to trash. The projects must follow the California Environmental Quality Act process, which aims to reduce environmental harm and enhance public participation.

Residents of the SVR service area, which includes the cities of Salinas, Gonzales, King City, Soledad, Greenfield and eastern unincorporated county areas, are encouraged to participate, keep informed and be engaged as SVR considers these options.

THE OPPORTUNITY

But why should Salinas Valley residents care about what happens to trash once it's out of sight?

"Because waste is a resource," says Susan Warner, former Diversion Manager/Assistant General Manager with

Salinas Valley Recycles. "Essentially any substance you can buy in any store anywhere is buried in that landfill."


The potential projects could include going to Monterey Regional Waste Management District for recycling (material recovery processing) and/or landfilling, or the construction of a Clean Fiber and Organics Recovery System, in which trash is heated with steam in an autoclave and automatically separated based on material type. Cardboard, papers and organic materials (like food scraps) are broken down and separated.

"We want to minimize what is landfilled and, again, utilize waste as a resource, instead of leaving a future obligation to the next generation," Warner says.

THE CHALLENGE

In approximately 40 years, Johnson Canyon Landfill located east of Gonzales will reach its capacity. California state law requires all counties to have at least 15 years of landfill capacity available. Landfills are not sustain-

able, present long-term environmental and financial challenges to host communities and permanently impact the land.

There is diminishing landfill capacity and finding sites for new landfill is difficult, as most people don't want to live near one. 

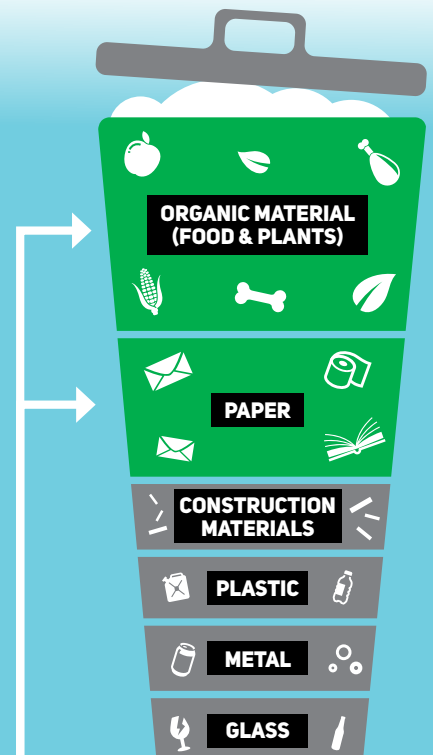
These challenges, however, give SVR a chance to take the long view by making smart changes benefiting citizens today.

"WASTE IS A RESOURCE."

SUSAN WARNER

Former Diversion Manager/Assistant General Manager, Salinas Valley Recycles

SO, WHAT'S IN THE TRASH?







65% of materials that fill our garbage are organics (food scraps and yard waste) and fiber (paper and cardboard), according to a 2008 Salinas Valley Recycles study. These materials can currently be diverted or repurposed using new technology.

Continue reading to learn about the projects Salinas Valley Recycles is considering — and how you can participate!

Summary of Comments on Item 8 - SALREC_r8.1.pdf

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|  | Number: 1 | Author: mandyb | Subject: Sticky Note | Date: 3/15/2017 3:04:51 PM |
| Move "green bar" down to show blue at top. | | | | |
|  | Number: 2 | Author: mandyb | Subject: Highlight | Date: 3/15/2017 2:45:15 PM |
| Capitalize "Management" and "Options" | | | | |
|  | Number: 3 | Author: mandyb | Subject: Highlight | Date: 3/15/2017 2:45:45 PM |
| Capitalize "Involved" | | | | |
|  | Number: 4 | Author: mandyb | Subject: Sticky Note | Date: 3/15/2017 3:04:17 PM |
| Add sentence: Reducing landfilling also reduces greenhouse gases and other environmental impacts. | | | | |

Making Trash Work for Us

BY KATE GONZALES

In an effort to reshape how the region manages its garbage to maximize its value at a reasonable cost, **Salinas Valley Recycles** is considering and fully studying five projects — of which **Global OrganicS Energy's (GOE) Clean Fiber and Organics Recovery System** is a process that could be utilized. This system

recovers materials that would otherwise be sent to a **landfill**, and is a post-recycling solid waste management system that creates manufacturing-ready paper pulp feedstock and bio-energy. If a project is selected that uses GOE technology, it would be the first of its kind in the United States.



THE CLEAN FIBER RECOVERY PROCESS, STEP-BY-STEP

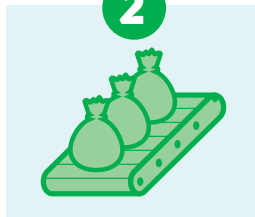
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COLLECTION

Garbage is picked up from homes and delivered to the GOE Clean Fiber and Organics Recovery System site.

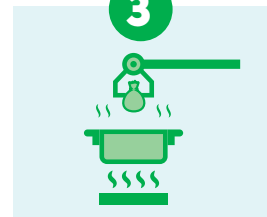
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DELIVERY TO AUTOCLAVE

All the unsorted trash is placed on a conveyor and delivered into the steam autoclave.

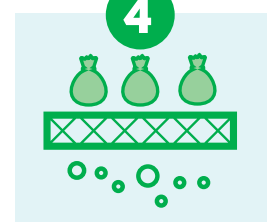
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STEAM HEAT

Once inside the autoclave, the waste is steam-cooked at a low temperature. After 45 minutes, the waste comes out sanitized and reduced in volume by 60 to 70 percent.

4



SORTING

Materials are run over screens from which unclaimed metal and plastic recyclables are extracted, cleaned, and sent to a recycling center to maximize recycling.

5



FIBER WASHING

The remaining paper and organic materials are fiber washed then diverted for sale to container board (cardboard) manufacturers.

POWERING THE PLANT

The dirty water, or "fiber wash water" that results from this process is converted to methane to power the GOE plant, with extra energy also available for commercial sales.

WATER CIRCULATION

Cleaned water is added, then recirculated back through the system. No dirty water is discharged to the sewer.

Page: 2

 Number: 1 Author: mandyb Subject: Highlight Date: 3/15/2017 2:56:34 PM

Delete (,) and add a (.) after landfill.

Delete and start next sentence: "It is a solid waste management..."

 Number: 2 Author: mandyb Subject: Highlight Date: 3/15/2017 2:52:19 PM

Delete and add: Salinas Valley Recycles is analyzing five projects. One alternative is an organic material recovery system developed by Global OrganicS Energy (GOE).

 Number: 3 Author: mandyb Subject: Sticky Note Date: 3/15/2017 2:55:29 PM

Add: "manufacturers in California."

 Number: 4 Author: mandyb Subject: Highlight Date: 3/15/2017 2:48:19 PM

Change to new title: Taking a New Look at Trash

A Look at the Options

Salinas Valley Recycles eyes options for managing trash

BY MATT JOCKS

Salinas Valley's waste may be piling up on the ground, but the future is up in the air when it comes to dealing with it.

As the area seeks to meet the requirements of the California Environmental Quality Act (CEQA), as well as the state's goal that 75 percent of waste is recycled by 2020, Salinas Valley Recycles is looking at five options for the future of waste management and reuse.

The options are in the review process, awaiting the completion of economic benefit and environmental analyses. The outcome will be presented in an Environmental Impact Report (EIR) which will outline the pros and cons of each project.

Here is a brief look at the possibilities:

DELIVER WASTE TO THE MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT

This project would not require any new facilities to be built. Instead, the Monterey Regional Waste Management District (MRWMD) would receive most of the Salinas Valley trash and process it for recycling and/or directly bury it.

- MRWMD's waste recycling facilities could provide for increased recycling and public diversion services

- Requires vehicles currently using existing Salinas-area facilities to be re-directed to MRWMD's facilities for waste and recycling services
- Existing Salinas Valley Recycles Sun Street facility would close and public would drive to **Monterey Regional Waste Management District** for services

INCREASES
RECYCLING



FULL
PUBLIC
SERVICES



NO PROJECT

As with any set of options under CEQA review, the option of no project must be considered.

If the no project option is selected, all options currently under consideration will be placed on hold. However, all stakeholders could continue to explore the benefits of the various options.

Some improvements could be made to the materials recovery center on Sun Street. However, the Clean Fiber and Organics Recovery System, or consolidating Salinas Valley waste at the Monterey Regional Waste Management District, would be put on hold.

FULL
PUBLIC
SERVICES



ALL-IN-ONE FACILITY

This proposal could involve the construction of a new enclosed facility that would include both a Transfer Station/Materials Recovery Center for increased recycling as well as a Clean Fiber and Organics Recovery System.

This project would allow Salinas Valley Recycles to collect and process:

- Up to 1,500 tons of waste per day
- Public services** including municipal solid waste, yard waste, recyclables and household hazardous waste

SITES CONSIDERED:

Harrison Road, Salinas

- Direct freeway access
- Architectural design will be important due to highway visibility

CLEAN FIBER
RECOVERY
SYSTEM



INCREASES
RECYCLING



NEW
FACILITY



FULL
PUBLIC
SERVICES



TRANSFER/MATERIAL RECOVERY ONLY

This project would include only a transfer station and a material recovery center in one of three sites. A Clean Fiber and Organics Recovery System could also be built, but on a separate site.

This project could include full public services including municipal solid waste disposal and recycling of yard waste, recyclables and household hazardous waste.

SITES CONSIDERED:

Harrison Road

- See site description above

Crazy Horse Closed Landfill, Salinas

- Capacity to transfer waste from all of north Monterey County
- Set back from highway, but accessible

Sun Street, Salinas

- "Temporary" facility for the past 10 years
- Mostly industrial area
- Permanency could improve efficiency
- Opportunity to lessen the impact of noise and dust on its neighbors

FULL
PUBLIC
SERVICES



INCREASES
RECYCLING



NEW
FACILITY



CLEAN FIBER RECOVERY SYSTEM ONLY

This project could include the construction of the Clean Fiber and Organics Recovery System. This system could potentially have environmental impacts, including steam release. Building this system could reduce trash volumes and greenhouse gas emissions and prolong the life of the landfill.

SITES CONSIDERED:

Johnson Canyon Landfill, Gonzales

- Remote setting
- Requires road improvements to accommodate increased traffic

Harrison Road

- See site description at top

INCREASES
RECYCLING




CLEAN FIBER
RECOVERY
SYSTEM




NEW
FACILITY




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Delete and add: drive to the Marina area for services.

You Have a Say!

Salinas Valley Recycles considers new projects in the community

We generate garbage every day — and it has to go somewhere.

Salinas Valley Recycles is evaluating the options for how the region manages its garbage — with a vision of minimizing the need for landfills and using waste as a resource.

As Salinas Valley Recycles considers options to divert trash from the Johnson Canyon Landfill as it approaches capacity, it wants the wider community to be

informed of the process and provide input.

"It's important to hear from the public," says Simon Salinas, President of the Salinas Valley Recycles Board of Directors. "We want to make sure we're listening to what the public has to say."

For a current list of dates and locations for community meetings about these projects, visit www.salinasvalleyrecycles.org.



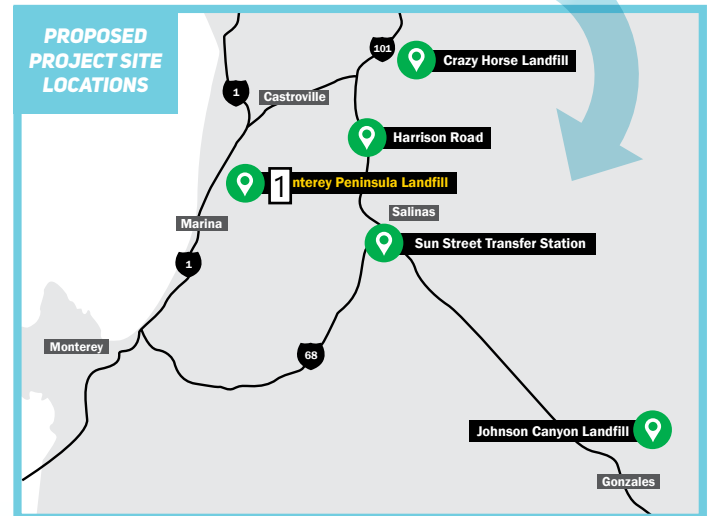
128 Sun St., Ste. 101
Salinas, CA 93901



831-775-3000



www.salinasvalleyrecycles.org



THE CEQA PROCESS

The California Environmental Quality Act, or CEQA, was passed in 1970 to reduce the environmental impact of projects statewide. While considering new projects, planners like Salinas Valley Recycles must go through the CEQA process, which aims to increase public participation and eliminate or reduce potential environmental impact.

This process includes:

- Public disclosure of a project's environmental effects identified in preliminary research
- Prevention or lessening of the environmental effects through mitigation measures
- Promoting public participation in the environmental review
- Encouraging the collaboration between government agencies



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 Number: 1 Author: mandyb Subject: Highlight Date: 3/15/2017 3:00:30 PM

Change to: Monterey Regional Waste Management District

 Number: 2 Author: mandyb Subject: Sticky Note Date: 3/15/2017 3:23:59 PM

Director Phillips Comment: Mission Statement ok but no Vision Statement.

 Number: 3 Author: mandyb Subject: Sticky Note Date: 3/15/2017 3:23:51 PM

Add a green bar (similar to the bottom of the cover page) that lists our Mission Statement (and Vision statement if room)

Mission Statement:

"To manage Salinas Valley solid waste as a resource, promoting sustainable, environmentally sound and cost effective practices through an integrated system of waste reduction, reuse, recycling, innovative technology, customer service and education."

Vision Statement:

"To reduce the amount of waste by promoting individual and corporate responsibility.

To recover waste for its highest and best use while balancing rates and services.

To transform our business from burying waste to utilizing waste as a resource.

To eliminate the need for landfills."

 Number: 4 Author: mandyb Subject: Sticky Note Date: 3/15/2017 3:28:37 PM

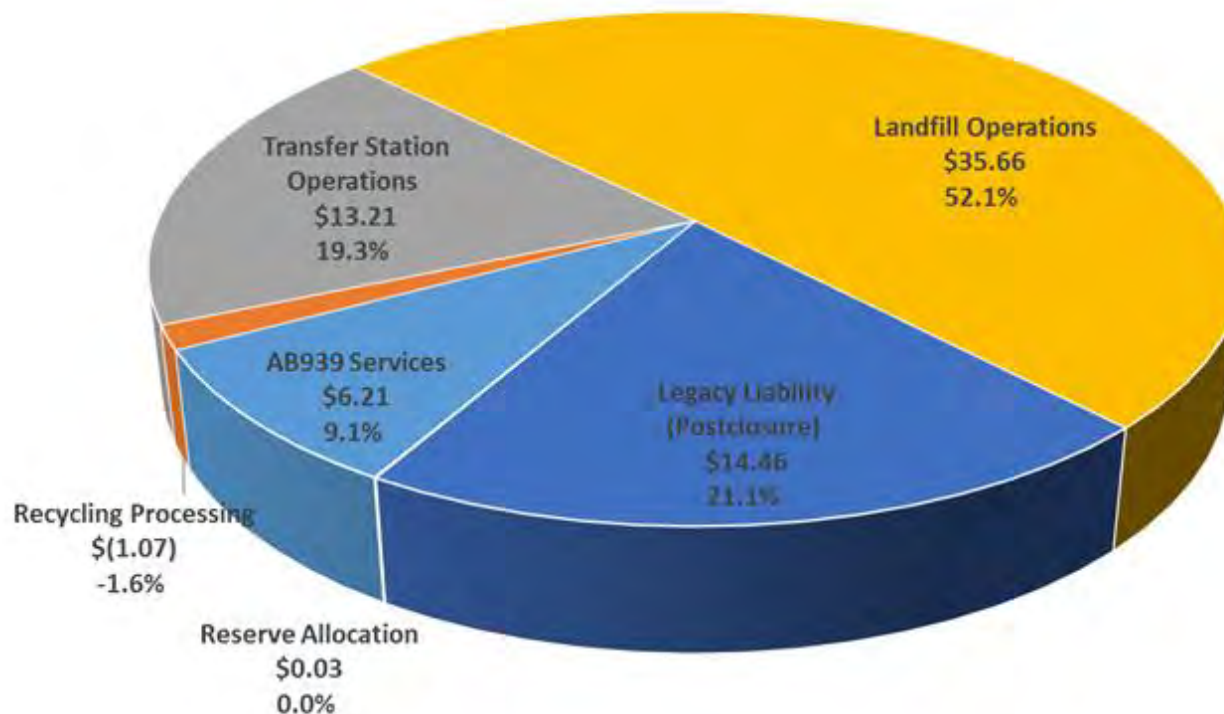
Director Phillips Comment: Add footnote: printed on recycled-content paper



Fiscal Year 2017-18 Rates and Fee Schedule

March 16, 2017

How the \$68.50 is spent



AB939 Fees

	<u>Current Rates</u>	<u>Proposed Changes</u>
AB939 Fees Total	\$ 2,228,900 Annual	\$ 2,319,700 Annual

Fee is charged to franchise haulers based on prior three years average tonnage:

FYE June 2014 through 2016
Franchise Tons

	Total Tonnage FYE 2014-16	Allocation Percentage	Annual AB939 Fee	Monthly AB939 Fee
Salinas	275,361	63.4%	1,471,169	122,597
Monterey	91,342	21.0%	488,012	40,668
Tri Cities (Combined)	45,213	10.4%	241,559	
Soledad				8,425
Greenfield				7,839
Gonzales				3,866
King City	<u>22,266</u>	5.1%	<u>118,960</u>	<u>9,913</u>
	434,182	100.0%	2,319,700	193,308

Other Rate Adjustments

	Current Fee or Rate		Proposed Changes	
Self Haul Loads at all Sites				
Minimum charge per load (up to 500 lbs.)	\$	15.50 Per Load	\$	16.00 Per Load
Loads weighing between 501 and 999 lbs.	\$	31.00 Per Load	\$	32.00 Per Load
Loads weighing 1,000 lbs. and above	\$	68.50 Per Ton		
Other Minor Adjustments				
Unloading Assistance (Per Person, 1 hour minimum)	\$	75.00 Hour		
Clean Fill Dirt (up to 10 c.y. without pre-approval)	\$	12.00 Per Ton	\$	14.00 Per Ton
Household Hazardous Waste (HHW) Clean-up Service Fee (1 hour minimum)	\$	75.00 Per Hour of Labor		
FranchiseTransportation Surcharge	\$	17.00 Per Ton	\$	17.50 Per Ton

Questions/Comments





Proposed Budget

FY 2017-18

March 16, 2017

FY 2017-18 Projected Operating Budget Increase

Payroll Increases	\$ 230,450
New C&D Driver	109,000
New Diversion Worker	80,900
Debt Service Increase	143,400
All Other Increases	<u>8,250</u>
Total Budget Increases	<u>572,000</u>

CIP Budget

Johnson Canyon LFG System (Vertical Wells)	60,000
Johnson Canyon Equipment Replacement	50,000
Johnson Canyon LFG System (Horizontal Wells)	30,000
Johnson Canyon Litter Control Fence	50,000
Johnson Canyon Module 7/8 Construction	540,000
Repayment of Expansion Fund Loan	376,000
Jolon Road Transfer Station Improvements	84,000
Jolon Road Equipment Purchase/Replacement (Repayment)	120,000
Lewis Road LFG Well Replacement	30,000
SSTS Equipment Replacement	<u>300,000</u>
Total Operating Surplus Allocations	<u>1,640,000</u>

Condensed Two-Year Budget Comparison

	FY 2016-17	Proposed FY 2017-18
Operating Revenue	17,745,600	18,364,750
Operating Expenditures	16,148,000	16,720,000
Operating Budget Surplus	1,597,600	1,644,750
CIP Allocations	(2,084,000)	(1,640,000)
Use of CIP Reserves (Loan)	763,500	-
Balance Used to Fund Reserves	277,100	4,750

