

**DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
CITY OF CRESCENT CITY
COUNTY OF DEL NORTE
STATE OF CALIFORNIA**

**Board of Supervisors Chambers
Flynn Center 981 H Street
Crescent City, CA**

Regular Session

Tuesday February 21, 2017

3:30 PM

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The Solid Waste Management Authority of the City of Crescent City and the County of Del Norte, State of California, is now meeting in Regular Session. Only those items that indicate a specific time will be heard at the assigned time. All items may be taken out of sequence to accommodate public and staff availability.

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All documents referred to in this agenda are available at the Office of the Del Norte Solid Waste Management Authority at 1700 State Street in Crescent City, between the hours of 8 A.M. and 5 P.M. Monday through Friday OR online at www.recycledelnorte.ca.gov
For more information call 465-1100 or email dnswwma@recycledelnorte.ca.gov

**3:30 PM CALL MEETING TO ORDER / ROLL CALL
PLEDGE OF ALLEGIANCE**

PUBLIC COMMENTS:

3:30 PM ANY MEMBER OF THE PUBLIC MAY ADDRESS THE SOLID WASTE MANAGEMENT AUTHORITY ON ANY MATTER ON OR OFF THE AGENDA. After receiving recognition from the Chair, please give your name and address for the record. Comments will be limited to three minutes.

OPEN SESSION ITEMS:

1. CONSENT AGENDA

- 1.1 Approve minutes, Regular Session, Tuesday December 20, 2016. **
- 1.2 Approve minutes, Special Session, Tuesday January 10, 2017. **
- 1.3 Approve request from Sequoia Park Zoo, Tolowa Dunes Stewards, California Department of Fish and Wildlife and the US Fish and Wildlife Service for two Authority-allocated dumpsters to support the 4th Annual Scotch Broom Bash. **
- 1.4 Approve final payment in the amount of \$3,150.00 to Patel & Associates for Invoice 9114, final billing for the FY 2014/2015 audit. **
- 1.5 Approve a FY 16/17 budget transfer in the amount of \$11,725.00 **

END CONSENT AGENDA

2. DIRECTOR'S & TREASURER'S REPORTS

Agenda items 2.1 through 2.5 are provided for information only

- 2.1 Director's Report **
- 2.2 Treasurer/Controller Reports for November and December 2016 **
- 2.3 Claims approved by Director for December 2016 and January 2017 **
- 2.4 Monthly Cash and Charge Reports for December 2016 and January 2017**
- 2.5 Earned Revenue Comparisons between FY15/16 and FY16/17 **

DISCUSSION/ACTION ITEMS

3. LANDFILL POSTCLOSURE

- 3.1 Receive and file the 'Second-half and Annual 2016 Water-Quality Monitoring Report for the Crescent City Landfill' as prepared by Lawrence & Associates. **

4. COLLECTIONS FRANCHISE

- 4.1 Discussion and possible action regarding strategies to reduce trash and non-recyclable materials in recycling stream collected by Recology Del Norte, and possible appointment of two Commissioners to an Ad Hoc Recycling and Processing Committee. **
- 4.2 Discussion and possible action regarding a report and request from Recology Del Norte regarding disposal of materials collected for recycling. **

5. TRANSFER STATION

- 5.1 Discussion and possible action regarding Change Order 3 with Lawrence & Associates for professional services associated with the repair of the floor and scale ramps at the Del Norte County Transfer Station, for an amount not to exceed an additional \$12,838. **

6. OTHER GENERAL SOLID WASTE AUTHORITY MATTERS

- 6.1 Discussion and possible action regarding the election of Authority Officers for 2017, including Chair, Vice-Chair and Secretary. **
- 6.2 Discussion and possible action regarding adoption of Resolution 2017-01, setting the regular meeting time for the Del Norte Solid Waste Management Authority for 2017. **
- 6.3 Discussion and possible action regarding proposals received to provide computer and information technology technical support and repair services. **

- 6.4 Discussion and possible action regarding proposals received to provide household hazardous waste event and hazardous waste disposal services. **
- 6.5 Discussion and possible action for purchasing recycling containers for the airport using beverage container grant funds. **
- 6.6 Discussion and possible action regarding the Independent Auditor's Report from Patel & Associates and the Annual Financial Statements for the Del Norte Solid Waste Management Authority for year ended June 30, 2016. **
- 6.7 Discussion and possible action regarding the Del Norte Solid Waste Management Authority Work Priorities Fiscal Year 2016 -2017. **
- 6.8 Discussion and possible action regarding support and advocacy for SB 60 (Glazer) if amended as recommended by Californian's Against Waste. **

7. ADJOURNMENT

Adjourn to the next Regular Meeting of the Del Norte Solid Waste Management Authority scheduled for 3:30 P.M. Tuesday March 21, 2017 at the Del Norte County Board of Supervisors' Chambers, 981 H Street, Suite 100 in Crescent City.

**** Asterisks next to Agenda Item indicates an associated attachment**

**DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
CITY OF CRESCENT CITY
COUNTY OF DEL NORTE
STATE OF CALIFORNIA**

Regular Session, Tuesday December 20, 2016, 3:30 PM

PRESENT: Commissioner Jason Greenough
Commissioner Chris Howard, Vice Chair
Commissioner Blake Inscore, Chair
Commissioner Eli Naffah
Director Tedd Ward
Legal Counsel Martha Rice
Authority Treasurer/Controller Rich Taylor
Authority Clerk Katherine Brewer

ABSENT: Commissioner Martha McClure

ALSO PRESENT: Wes White, Hambro Waste Solutions Group
Jeremy Herber, Recology Del Norte

3:30 PM CALL MEETING TO ORDER

Chair Inscore called the meeting to order in regular session at 3:35 p.m. Roll was taken with Commissioners Greenough, Howard, Inscore, and Naffah present. Commissioner McClure was absent.

PLEDGE OF ALLEGIANCE

The pledge was led by Chair Inscore.

3:30 PM PUBLIC COMMENTS:

There were no public comments.

OPEN SESSION ITEMS:

1. CONSENT AGENDA

- 1.1 Approve minutes, Regular Session, Tuesday, November 22, 2016.
- 1.2 Approve payment of a claim to Clean Harbors Environmental Services for Invoice 1001606633 in the amount of \$27,600.00.
- 1.3 Approve payment of claim to Patel & Associates, LLP for Invoice 9355 in the amount of \$6,300.00.

- 1.4 Approve payment of Claim to the State Water Resources Control Board in the amount of \$30,625.00 for FY 16/17 Waste Discharge Requirement Fees associated with the Crescent City Landfill.
- 1.5 Approve a FY 16/17 budget transfer in the amount of \$5,587.00. **022101**

END CONSENT AGENDA

On a motion by Commissioner Howard, seconded by Commissioner Greenough, and unanimously carried on a polled vote with Commissioner McClure absent, the Del Norte Solid Waste Management Authority approved and adopted the consent agenda, consisting of items 1.1 to 1.5.

2. DIRECTOR'S & TREASURER'S REPORTS 2595
5632
Agenda items 2.1 through 2.5 are provided for information only

- 2.1 Director's Report. **231501**
- 2.2 Treasurer/Controller Report for October 2016.
- 2.3 Claims approved by Director for November 2016.
- 2.4 Monthly Cash and Charge Reports for November 2016.
- 2.5 Earned Revenue Comparisons between FY15/16 and FY16/17.

The above-listed reports were presented and accepted.

DISCUSSION/ACTION ITEMS

- 3. **LANDFILL POSTCLOSURE – No Items**
- 4. **COLLECTIONS FRANCHISE**

- 4.1 Discussion and possible action regarding an announcement by Recology Del Norte that Julindra will cease receiving and processing recyclable materials collected by Recology by the end of 2016. **102101**

Jeremy Herber, General Manager Recology Del Norte, informed Commissioners that Recology no longer had a written agreement for processing of the recyclable materials they collect under the Franchise Agreement with the Authority. He had a verbal agreement for 90 days, but was still working on a long-term solution. The verbal agreement allowed for transport of the materials to Humboldt Waste Management in Eureka, transfer of the materials to another truck, and transport to Willits for ultimate disposal. The Willits facility was also facing financial difficulties and was unwilling to make a longer-term commitment. Mr. Herber further stated that contamination was a huge problem with the recycling material gathered in Del Norte County. The large volume of contaminants could lead to difficulty finding a processor willing to accept recyclables from the area.

Wes White, General Manager Hambro Waste Solutions Group, added his agreement with Mr. Herber's contamination concerns. He also mentioned that the trend in the industry was to go to a processing fee.

Board Members agreed by consensus to direct staff to write to Del Norte County's government representatives informing them of the challenges rural counties were experiencing regarding their recyclables.

Bill Lonsdale, City resident, addressed the Board to encourage them to proceed slowly with any plans to bailout Julindra, and to be careful not to antagonize their customers.

- 4.2** Discussion and possible action regarding Collections Change Order 9 eliminating expanded polystyrene, cartons, rigid plastics, and film plastics from the list of recyclable materials collected under the Collections Franchise and allowing Recology Del Norte 90 days to secure a new Processing Agreement. **180510**

There was some discussion regarding public notification about the upcoming changes.

On a motion by Commissioner Inscore, seconded by Commissioner Howard, and unanimously carried on a polled vote with Commissioner McClure absent, the Del Norte Solid Waste Management Authority approved and adopted Collections Change Order 9 eliminating expanded polystyrene, cartons, rigid plastics, and film plastics from the list of recyclable materials collected under the Collections Franchise and allowing Recology Del Norte 90 days to secure a new Processing Agreement.

5. TRANSFER STATION

- 5.1** Discussion and possible action regarding participation in Thermostat Recycling Corporation's pilot Incentive Program starting January 2017. **080105**

Director Ward informed Board Members about the Authority's participation in this pilot program, which provides a mail-in rebate of \$10 for each mercury thermostat recycled at the Del Norte County Transfer Station. No action was taken.

6. OTHER GENERAL SOLID WASTE AUTHORITY MATTERS

- 6.1** Discussion and possible action regarding Authority comments on the Elk Valley Multimodal Corridor Plan. **031506**

On a motion by Commissioner Naffah, seconded by Commissioner Greenough, and carried on a voice vote with Commissioner McClure absent, the Del Norte Solid Waste Management Authority approved a letter to the Del Norte Local Transportation Commission supporting continued use of Elk Valley Road and State Street by large commercial trucks.

6.2 Discussion and possible action regarding release of a Request for Qualifications to provide computer and information technology, technical support and repair services. 051701

On a motion by Commissioner Howard, seconded by Commissioner Greenough, and carried on a voice vote with Commissioner McClure absent, the Del Norte Solid Waste Management Authority approved release of a Request for Qualifications to provide computer and information technology, technical support and repair services.

6.3 Discussion and possible action regarding the Del Norte Solid Waste Management Authority Work Priorities Fiscal Year 2016-2017. 231501

Board Members agreed by consensus at the October meeting to defer this item to the new year, but to leave it on the agenda for discussion until that time.

7. CLOSED SESSION ITEMS:

7.1 CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION

Pursuant to Government Code Section 54956.9(d)(1)

Name of Case: Unfair Practice charge SF-CE-1422-M

Service Employees International Union Local 1021 v. Del Norte Solid Waste Management Authority

7.2 CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Pursuant to Government Code Section 54956.9(d)(4):

Possible initiation of litigation, one case.

The Chair recessed the open meeting of the Del Norte Solid Waste Management Authority and convened in closed session at 4:38 p.m. The closed session was adjourned at 5:20 p.m. and the meeting reconvened immediately in open session. Counsel reported that no action was taken.

8. ADJOURNMENT

Adjourn to the Regular Meeting of the Del Norte Solid Waste Management Authority scheduled for 3:30 p.m., January 17, 2017 at the Del Norte County Board of Supervisors' Chambers, 981 H Street, Suite 100 in Crescent City.

There being no further business to come before the Authority, the Chair adjourned the meeting at 5:20 p.m., until the Regular Meeting on January 17, 2017.

Blake Inscore, Chair
Del Norte Solid Waste Management Authority

Date / /

ATTEST:

Chris Howard, Vice Chair
Del Norte Solid Waste Management Authority

Date / /

Submitted:

Katherine Brewer, Clerk
Del Norte Solid Waste Management Authority

Date / /

**DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
CITY OF CRESCENT CITY
COUNTY OF DEL NORTE
STATE OF CALIFORNIA
Special Session, Tuesday January 10, 2017, 3:30 PM**

PRESENT: Commissioner Jason Greenough
Commissioner Chris Howard, Vice Chair
Commissioner Blake Inscore, Chair
Director Tedd Ward
Legal Counsel Martha Rice
Authority Clerk Katherine Brewer

ABSENT: Commissioner Eli Naffah
County Commissioner Position vacant pending appointment
Treasurer/Controller Rich Taylor

ALSO PRESENT: Wes White, Hambro WSG
Randy Hanlon, Recology Del Norte
Jeremy Herber, Recology Del Norte
Lorie Poole, Recology Del Norte

3:30 PM CALL MEETING TO ORDER

Chair Inscore called the meeting to order in special session at 3:33 p.m.

PLEDGE OF ALLEGIANCE

The pledge was led by Chair Inscore.

3:30 PM PUBLIC COMMENTS:

There were no public comments.

OPEN SESSION ITEM:

1. COLLECTIONS FRANCHISE

- 1.1** Status report from Recology Del Norte regarding their efforts to process and market recyclables. Discussion and possible action regarding possible disposal of recyclables when contamination exceeds acceptable levels and strategies to reduce trash and non-recyclable materials in recycling streams collected by Recology Del Norte. **180510**

Director Ward informed Board Members that a recent delivery of recyclables from Recology Del Norte to Humboldt Waste Management Authority (HWMA) had greater than 25% contamination. This had caused HWMA to notify Recology that another load with this level of contamination would be rejected as recyclables and disposed as trash. This outcome would greatly increase Recology's costs. It could also lead to other potential processors rejecting Del Norte County's recyclables.

Jeremy Herber, General Manager Recology Del Norte, presented photos of contamination at community drop-off sites around the County. He requested enforcement options for repeat offenders with collection service. He also suggested elimination of the community drop-off bins at locations other than the three transfer stations.

On a motion by Commissioner Howard, seconded by Commissioner Greenough, and unanimously carried on a polled vote with Commissioner Naffah absent, The Del Norte Solid Waste Management Authority adopted the following enforcement steps for collection service customers who repeatedly contaminate their recycling with trash: 1) Notice, 2) Warning, 3) Non-Collection Tag and Bill for disposal of material in recycling cart(s) as trash, 4) Recycling Service Termination Notice.

Eileen Cooper, County resident, addressed the Board to suggest transparent recycling containers so that improper items would be easily visible. Ms. Cooper also suggested the possibility of collecting different materials on different days to reduce contamination.

Board discussion continued regarding the suggestion to reduce access to or to eliminate some community drop-off bins. No action was taken. Commissioner Howard invited both Recology General Manager Jeremy Herber and Director Ward to participate in a neighborhood watch meeting in Smith River to discuss these concerns and possible responses.

On a motion by Commissioner Howard, seconded by Commissioner Greenough, and unanimously carried on a polled vote with Commissioner Naffah absent, the Del Norte Solid Waste Management Authority authorized the Chair to pre-approve disposal of materials collected as recyclable if those materials would likely be rejected by the processor, such disposal authorization to expire after March 21, 2017, if not extended by the Authority Board.

Chair Inscore announced that there would still not be a new County appointee to the Board by the next regularly scheduled meeting. In addition, Commissioner Naffah would not be able to attend that meeting. After verifying that there were no items needing Board action before February, on a motion by Commissioner Howard, seconded by Commissioner Greenough, and carried by a voice vote with Commissioner Naffah absent, the Del Norte Solid Waste Management Authority voted to cancel the regular meeting scheduled for January 17, 2017.

2. ADJOURNMENT

Adjourn to the next Regular Meeting of the Del Norte Solid Waste Management Authority scheduled for 3:30 p.m., Tuesday, February 21, 2017 at the Del Norte County Board of Supervisors' Chambers, 981 H Street, Suite 100 in Crescent City.

There being no further business to come before the Authority, the Chair adjourned the meeting at 4:42 p.m., until the next regularly scheduled meeting on February 21, 2017.

Blake Inscore, Chair
Del Norte Solid Waste Management Authority
Date / /

ATTEST:

Chris Howard, Vice Chair
Del Norte Solid Waste Management Authority
Date / /

Submitted:

Katherine Brewer, Clerk
Del Norte Solid Waste Management Authority
Date / /

Tedd Ward

From: Christine Damiani <longicarpus@yahoo.com>
Sent: Tuesday, January 24, 2017 11:18 PM
To: Tedd Ward at Work
Subject: waiving waste bin fees for invasive species removal on Pacific Shores

Dear Mr. Ward,

The Sequoia Park Zoo, Tolowa Dune Stewards, California Department of Fish and Wildlife, and the U.S. Fish and Wildlife Service are in the process of organizing the 4th annual "Scotch Broom Bash" to remove invasive scotch broom from Pacific Shores. This event improves habitat for the threatened Oregon Silverspot Butterfly on Tolowa Dunes, and will help prevent scotch broom from colonizing restoration areas that are part of the mitigation for the BCRAA/Crescent City Airport Runway Safety Project.

In past years, Recology and the board of the Del Norte Solid Waste Management Authority have been kind enough to waive the fees for rental and delivery/pick-up of bins for removal of the scotch broom waste. This has been instrumental to the success of this volunteer event, and I am writing to ask if it is possible to have those fees waived again this year. Last year we filled two 30-CY bins, and we are expecting a similar effort this year. We have not yet set a date for the Scotch Broom Bash, but it typically happens in late March or early April and I wanted to reach out to you as soon as possible. We should know the exact date by the first week of February. If you have any questions, feel free to contact me. Thank you for your consideration.

Sincerely,

Christine Damiani
Sequoia Park Zoo Conservation Advisory Committee

Vendor Patel & Associates, LLP
266 17th ST STE 200

Claim ID: 7797
Page 1 of 1

AUDITOR COPY



Oakland CA 94612-4124

Vendor ID:

20027

- PBSP Expense
- Change of Address

Special
Warrant
Routing

Fund Dept Line Proj Amount Description

422 421 20233 INV 9114 Final billing 2014/2015 FYE Audit

Total Claim: \$3,150.00

Po. 762699 01/11/2017

I HEREBY CERTIFY THE ARTICLES OR SERVICES DESCRIBED ON THE ATTACHED INVOICES WERE NECESSARY FOR USE BY THE DEPARTMENT AND HAVE BEEN RECEIVED, AND THAT NO PRIOR CLAIM FOR SAME HAS BEEN

X *Madh Wad* *Richard J...*
Signature of Department Head/Authorized Deputy

1/12/2017

Claim Date

1.5

To:

Del Norte Solid Waste
Management Authority
1700 State Street
Crescent City, CA 95531

Patel & Associates, LLP
Certified Public Accountants

266 17TH ST STE 200
OAKLAND, CA 94612-4124

Tel: (510) 452-5051
Fax: (510) 452-3432
email: rpatel@patelcpa.com

**PAST DUE:
WE WOULD APPRECIATE
YOUR PAYMENT TODAY!**

Invoice

Invoice # 9114
Date 2/11/2016
Terms
Due on receipt

80027 / 20233

Service Description	Amount
Final invoice for Audit of Financial Statements for the year ended June 30, 2015	1,756.07
Out of Pocket Expenses	1,393.93

Total Invoice Amount	\$3,150.00
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Del Norte County Budget Transfer Request FY 16/17

Department Name	Fund	Dept.	Line Item	Description	Budget Transfer Amount(s)	
					Reduce Expenditures or Increase Revenue	Increase Expenditures or Reduce Revenue
Solid Waste	422	421	20121	Communications	\$	550
Solid Waste	422	421	20140	Household	\$	1,000
Solid Waste	422	421	20152	Vehicle Insurance	\$	914
Solid Waste	422	421	20231	Professional Services	\$	7,000
Solid Waste	422	421	20233	Audit	\$	3,000
Solid Waste	422	421	20281	Hazardous Waste	\$	1,000
Solid Waste	422	421	20285	Special Dept. Expense	\$	175
Solid Waste	422	421	20301	State Fees	\$	7,200
Solid Waste	422	421	91004	Authority Service Fees	\$	2,611
Total Amounts					\$	11,725
					\$	11,725

Department complete and send to Auditor's Office for transfer number before sending to

Department Justification - Include cover letter that addresses the following: 1) Reason for request; 2) Why sufficient balances exist to finance transfer; 3) Why request

Department Head Signature _____	Date _____
Auditor's Office: Sufficient balances exist per above (Under \$100 Auditor's Office approves)	
Deputy Auditor-Controller _____	Date _____
TR No. _____	Budget Revision No. _____
Includes Revenue Appropriation _____	Requires 4/5ths Vote _____
County Administrative Officer: _____ (Under \$1000 - CAO approves)	
Recommendation: _____	Approve _____ Deny _____ Submit for Board approval _____
County Administrative Officer _____	Date _____

Passed by Board of Commissioners of the Del Norte Solid Waste Management Authority on 21 February 2017.

Ayes:
Noes:
Absent:

Attest: Clerk of the Board

By: _____
Katherine Brewer

Blake Inscore, Chair
Del Norte Solid Waste Management Authority

1.5



Del Norte Solid Waste Management Authority

1700 State Street, Crescent City, CA 95531

Phone (707) 465-1100 Fax (707) 465-1300

www.recycledelnorte.ca.gov

The Authority's mission is the management of Del Norte County solid waste and recyclable material in an environmentally sound, cost effective, efficient and safe manner while ensuring 100% regulatory compliance with law.

Director's Report

Date: 15 February 2017
To: Commissioners of the Del Norte Solid Waste Management Authority
From: Tedd Ward, M.S. – Director *Tedd*
Reporting Period: 16 December 2016 – 15 February 2107
Attachments:
A. Letter to Legislators re. Urgent Request for Action to Save Rural Recycling, dated 17 January 2017
B. Chart showing flow of payments under the Beverage Container Recycling Program
C. Governor's and CalRecycle's proposal for 'Modernizing the Beverage Container Recycling Program'
D. Senate Environmental Quality Committee's 'Overview of California's Beverage Container Recycling Program'
E. The Del Norte Solid Waste Management Authority's Code of Ethics.
F. Authority organizational chart

File Number: **231501 – Authority Work Plans**

Summary: The Del Norte Solid Waste Management Authority continues to operate the Klamath, Gasquet and Del Norte County Transfer Stations and to provide required monitoring, accounting and reports to overseeing agencies. Authority staff provide these services without any financial support from the City of Crescent City or the County of Del Norte, and without receiving a penny of taxes. The rates charged at Authority-managed facilities continue to be lower than any comparable facilities in Humboldt or Curry Counties.

This report covers the period since the last regular Authority meeting in December 2016. Urgent issues facing the Authority at this time include: several significant staffing transitions, and the challenges and costs associated with processing and marketing recyclables collected by Recology Del Norte.

At this meeting, we welcome Del Norte County Supervisor Lori Cowan as a new Authority Commissioner.



Consent Agenda Items: **Agenda Item 1.3** is a request from the Sequoia Park Zoo and several other groups for two Authority-allocated dumpsters to support the 4th Annual Scotch Broom Bash at Pacific Shores. The Authority has 20 such bin allocations to support community cleanup events, and these are the first requested for 2017. As this request has been approved in prior years, this item was placed on consent presuming the Board wishes to continue support for this volunteer effort to remove trash and scotch broom which is an invasive weed.

Agenda Item 1.4 is a claim from Patel & Associates for the final bill associated with the Authority's FY 14/15 audit. As that fiscal year has closed, the budget transfer includes an increase in the (20233) Audit budget line to address this expense.

Agenda Item 1.5. is a budget transfer in the amount of \$11,725. If approved, this transfer would increase the budget for Professional services to support the recommended change order with Lawrence & Associates to produce an engineer's cost estimate, bid documents and specifications for the repair of the Del Norte County Transfer Station floor (see **Agenda Item 5.1**) as well as for additional computer technical support services (see **Agenda Item 6.3**). Funds to support these activities are to be taken from the remaining budget from the State Fees line (as Authority staff were successful in reducing the annual WDR fees associated with the Crescent City Landfill), and adjusting the budget for Authority Service Fees in partial acknowledgment that Authority revenues in this line are accumulating beyond the budgeted amount (see **Agenda Item 2.5**).

Collections and Processing: **Agenda Item 4.1** addresses the continuing efforts of Recology and the Authority to reduce the contamination of the recyclable materials collected by Recology Del Norte. This remains an urgent issue, as the high proportion of trash in the recycling has resulted in substantially increased costs to Recology to continue recycling, though only approximately one third of the materials collected under Recology Del Norte's recycling programs are currently being recycled. **Agenda Item 4.2** is a status report regarding the ongoing disposal of recyclable materials collected by Recology Del Norte.

Facilities: On January 26, one of the bins at the Klamath Transfer Station had paint leaking out of it. I went down to assess the situation and remediate. Upon investigation, a five gallon bucket of latex paint was improperly disposed in the bin, and the paint mixed with the rain accumulated in the bin and leaked out the bottom. I spread absorbent, which was cleaned up on Sunday January 29.

Agenda Item 3.1 is the semi-annual water quality monitoring report for the Crescent City Landfill as prepared by Lawrence & Associates, which has already been

submitted to the Regional Water Quality Control Board. Also during this period, Facilities and Programs Coordinator Kayleen Warner worked with Two Guys to repair the locking cap covering SM-6, one of the groundwater wells near the landfill.

On February 11, Tolowa Dunes Stewards organized thirteen volunteers (including the Authority's Director and Facilities & Programs Coordinator) to help remove scotch broom on the landfill property. This group regularly removes invasive species in Tolowa Dunes State Park, and they are concerned that the concentration of invasive weeds on the landfill property could spread in the surrounding park lands.

CalRecycle has requested current documents affirming the Pledge of Revenue from the Del Norte County Transfer Station should emergency response and repairs be required at the Crescent City Landfill. These documents were adopted several years ago, and CalRecycle is insisting on receiving the original documents which have not been located by Authority or County staff. If these original documents cannot be located, staff may need to work with the County to obtain replacements.

Agenda Item 5.1 is a Change Order with Lawrence & Associates to essentially drive the production of plans, specifications, engineering estimate, bid documents, and installation oversight for the repair of the floor and scale ramps at the Del Norte County Transfer Station. Lawrence & Associates has managed similar projects for the Humboldt Waste Management Authority and the City of Redding. The actual floor repair will be a significant additional expense, as it will involve a specialized concrete, a contractor familiar with this specialized concrete, and logistics planning so the Transfer Station is closed for a single weekend while the floor is repaired to minimize inconvenience to our customers. The engineer's estimate will enable staff to discuss the range of financing options with the Authority's Treasurer and the Del Norte County Auditor for presentation to the Authority Board.

Authority Commissioner Responsibilities: Now that all Authority Commissioners for 2017 have been appointed, under **Agenda Item 6.1** the Authority Board will select officers for this year. Under **Agenda Item 6.2**, the Board has an opportunity to change the regular meeting date and time to accommodate all Commissioners' schedules.

Each Board member is obliged to read and sign the Authority's Code of Ethics (**Attachment E** to this report), if they have not already done so. Commissioners are also obliged to complete the Form 700, annually required by the Fair Political Practices Commission. For elected officials, a copy of the form submitted to the City Council or the Board of Supervisors is acceptable. I will provide Commissioner Naffah with blank forms so he may also submit a Form 700 to the Authority offices before the March 17 deadline.

Contractors: **Agenda Item 6.3** addresses the proposals received to provide Computer and Information Technology services. As staff had questions about each of the proposals received, we recommend that the Director conduct further interviews and

negotiate an agreement for Board action at the next meeting. **Agenda Item 6.4** addresses the two proposals received to provide household hazardous waste event and disposal services, one from the Authority's current service provider, Clean Harbors, and the other from Stericycle.

Grants: Agenda Item 6.5 provides details on a staff recommendation to use beverage container grant funds to purchase durable and attractive recycling containers for the Crescent City airport.

Finances and Audits: The Authority's annual Audit report and staff responses are included as **Agenda Item 6.6** for the fiscal year that ended on June 30, 2016.

Highlights of this audit include:

- The Authority's cash and investments totaled \$938,074, plus an additional \$198,177 set aside for the final payment to the I-Bank for financing the construction of the Del Norte County Transfer Station.
- During this past fiscal year, the Authority increased its net cash by \$172,446. Net cash is the cash available in Authority accounts, whereas net position is all assets less all liabilities.
- At the end of FY 15/16, the Authority had a net-deficit position of \$1,218,345, caused by the post-closure liability of \$2,061,342 associated with the Crescent City Landfill. Though still negative, the Authority's net position improved by \$262,327 during FY 15/16. For comparison, at the end of FY 04/05 after the opening of the Del Norte County Transfer Station, the Authority's net-deficit position was \$2,981,434. Authority activities have generally improved this net-deficit position each year.
- In a repeat of prior findings, the auditor found that the Authority's charges for services were not sufficient to cover post-closure liability, fund OPEB obligations, and debt-service requirements. Essentially the auditors recommend that the Authority raise rates to hasten the date when this agency does not have a net-deficit position financially. A more comprehensive response from staff on this issue is included as the 'Management Response' on pages 30 and 31 of the Annual Financial Report.

Public Outreach and Education: In January, staff submitted a Coastal Voices piece to the Del Norte Triplicate as well as a press release describing the changes to Recology Del Norte's recycling programs. The Authority ran ads regarding proper recycling in the Del Norte Triplicate and on KFUG radio. Recology Del Norte has been running complementary ads on KCRE and KPOD radio stations.

Due in part to the impending departure of several Authority staff, the Authority will not have capacity to participate with this year's Youth and Family Fair as we have in the past several years. Staff will work with Recology Del Norte to support and provide a more limited outreach associated with a beach cleanup being organized by Surfriders

scheduled for Earth Day, April 22.

Personnel / Staffing: In January I received notice that Lisa Babcock, who has served as Administrative Assistant since July 2014 and has been an Authority employee since August 2012 gave notice that her last day would be 23 March 2017. The Authority has had a vacant part-time refuse site attendant position open since November, but had not acted swiftly to fill this vacancy as there are fewer refuse site attendant hours available during the winter months. Upon receiving this notice, staff worked with the County Human Resources Department to initiate a hiring process for the Administrative Assistant position as well as a part-time Refuse Site Attendant position.

At the start of this month, I also received notice that Kayleen Warner, who has served as Facilities and Programs Coordinator since December 2015, would also be ending her employment with the Authority as of 31 March 2017. Staff have also initiated a process to fill this vacancy.

Efforts to replace these employees will be a significant issue. When the Authority is fully staffed, we have ten employees (see **Attachment F**). These open positions represent all of our mid-management positions as well about a quarter of our workforce. Furthermore, all new hires will need to be trained by the existing staff. The training process for Refuse site Attendants takes about three months, and the training of a new Facilities and Program Coordinator can be expected to take six to twelve months. For these reasons, staff anticipate that agency capacities will be more limited in the coming months.

Laws, Regulations and Advocacy: As directed, following the January meeting I sent letters to our elected representatives describing the issues and circumstances which led to the closure of approximately one third of California's recycling centers since 2013, and the need for urgent action (see **Attachment A**). As part of the State budget process, the Governor's office and CalRecycle have proposed a series of changes to California's bottle bill (see **Attachment B**).

In an effort to carry this message further, I attended a series of five Stakeholders' meetings at the Governor's office in Sacramento January 31st – February 8th, and was able to express our concerns about the number of recycling center closures, and the need for swift action to address this crisis. While in Sacramento, I also met with Senator McGuire, Assemblymember Wood, staff from CalRecycle, as well as representatives from the Environmental Services Joint Powers Authority of the Regional Council of Rural Counties, Californians Against Waste, and the California Product Stewardship Council. Travel expenses for this trip were covered under the Authority's beverage container grants. During these meetings, staff focused on the following points of advocacy:

- Recycling infrastructure in California is in crisis, as evidenced by the closure of over 800 buy-back centers or processors since 2013.
 - These closures are due in part to the downturn in the plastics markets, and aggravated by the way CalRecycle calculates its

- payments to these facilities.
- Many plastics, such as film plastics, styrofoam and non-container hard plastics were once marginally recyclable, but now are contaminating the other materials that have a market
- Recycling is not practical without capacity to sort, process, and bale materials in each County.
- Recycling centers need financial support that addresses the higher processing and transport costs in more remote areas like Del Norte.
- The decline in recycling infrastructure has continued for too long with too little action, so CalRecycle should have tools or funds to swiftly address such declines any time over 3% of the State's recycling centers close during a single fiscal quarter.
- Similarly, if there is a dramatic decline in regional infrastructure, such as any County that has fewer than three recycling buy-back or processing centers, CalRecycle should have tools or funds to swiftly address such regional declines.
- Payments to recyclers should also address known factors that will increase costs, such as increases to the minimum wage as mandated by the State.

Following those meetings, Teresa Bui of Californians Against Waste (CAW) requested that the Authority contact our representatives and write letters of support for SB 60, if amended as requested by CAW. The Board may consider this suggestion under **Agenda Item 6.8**. If passed, these changes would alter the formula used to calculate processing payments to increase the amount of those payments. While this bill alone will not address many of the concerns staff have about the declining recycling infrastructure in California, it is a step in the right direction and the only current legislation proposed to do so.



Del Norte Solid Waste Management Authority

Attachment A 31

Phone (707) 465-1100 Fax (707) 465-1300

www.recycledelnorte.ca.gov

The Authority's mission is the management of Del Norte County solid waste and recyclable material in an environmentally sound, cost effective, efficient and safe manner while ensuring 100% regulatory compliance with law.

17 January 2017

Senator Mike McGuire
1303 10th Street, Room 5064
Sacramento, CA 95814

SUBJECT: URGENT REQUEST FOR ACTION TO SAVE RURAL RECYCLING

Dear Senator McGuire:

Today we are requesting that you take action as swiftly as possible to address an urgent crisis our community is facing with respect to recycling. For the past 20 years, Julindra Recycling, Inc. has been Del Norte County's only recycling processor and sole buy-back center for California Redemption Value (CRV) beverage containers. In January, in an effort to eliminate the ongoing net costs to receive, process and market recyclables from our County, Julindra stopped processing recyclables collected by Recology Del Norte. So in last few weeks, Recology's staff scrambled to secure a three sided building so collected recyclables could be unloaded from collection vehicles and re-loaded onto trucks shipping those recyclables to other processors outside the County. At this point, most recyclables from our County are being transported over 90 miles before any sorting or processing begins, further eroding the already questionable fiscal viability of recycling. Furthermore, there are only three facilities remaining north of Santa Rosa that even have the potential to provide processing services.

Since 2013, over 800 recycling centers have closed in California – including over 350 recycling centers that closed in 2016. Many of these were smaller-volume centers located in rural areas. Such a rapid and devastating reduction in the basic recycling infrastructure in California will take decades to re-establish. **Legislative action is needed immediately to stave off the continuing closures of recycling centers in rural communities like ours.**

We have reviewed the document 'Modernizing the Beverage Container Program' (attached) issued by Governor Brown's office, and we appreciate the multi-faceted approach to address several challenges of the current Bottle Bill program. We must, however, also express our very grave concern that by the time any bill or series of bills that can be developed by the legislature to address all of the recommendations in that document, our County may have already lost nearly all facilities, equipment, and personnel capable of processing recyclables in our County.

Make no mistake that if we lose all processing capacity in our County (along with other rural areas facing similar challenges), all goals related to recycling – including the State's 75% recycling goal and efforts to use recycling to reduce the State's carbon footprint – are at risk of becoming meaningless.

Again, we are asking that you work with us and other members of the legislature to immediately address the financial challenges facing recycling buy-back and processing centers

A Joint Powers Authority of
the City of Crescent City and County of Del Norte

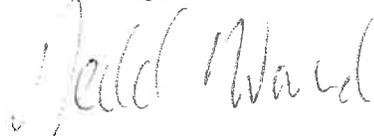
Printed on minimum
30% post-consumer



100% recycled paper

in California to reduce the potential that we will lose additional rural recycling centers before more comprehensive changes can be enacted.

Sincerely,



Tedd Ward, M.S. – Director

Del Norte Solid Waste Management Authority

Attachment: Modernizing the Beverage Container Program (January 2017)

cc: Assemblymember Jim Wood
P.O. Box 942849
Sacramento, CA 94249-0002

Terry Brennan & Spencer Fine
Office of Local Assistance
California Dept. of Resources, Recycling and Recovery (CalRecycle)
1001 I Street--P.O. Box 4025, MS-9
Sacramento, CA 95812-4025

Mary Pitto & Larry Sweetser
Environmental Services JPA of the Regional Council of Rural Counties
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Sacramento, CA 95814

Mark Murray
Californians Against Waste
921 11th Street, Suite 420,
Sacramento, CA, 95814

Susan Collins
Container Recycling Institute
4361 Keystone Ave.
Culver City, CA 90232

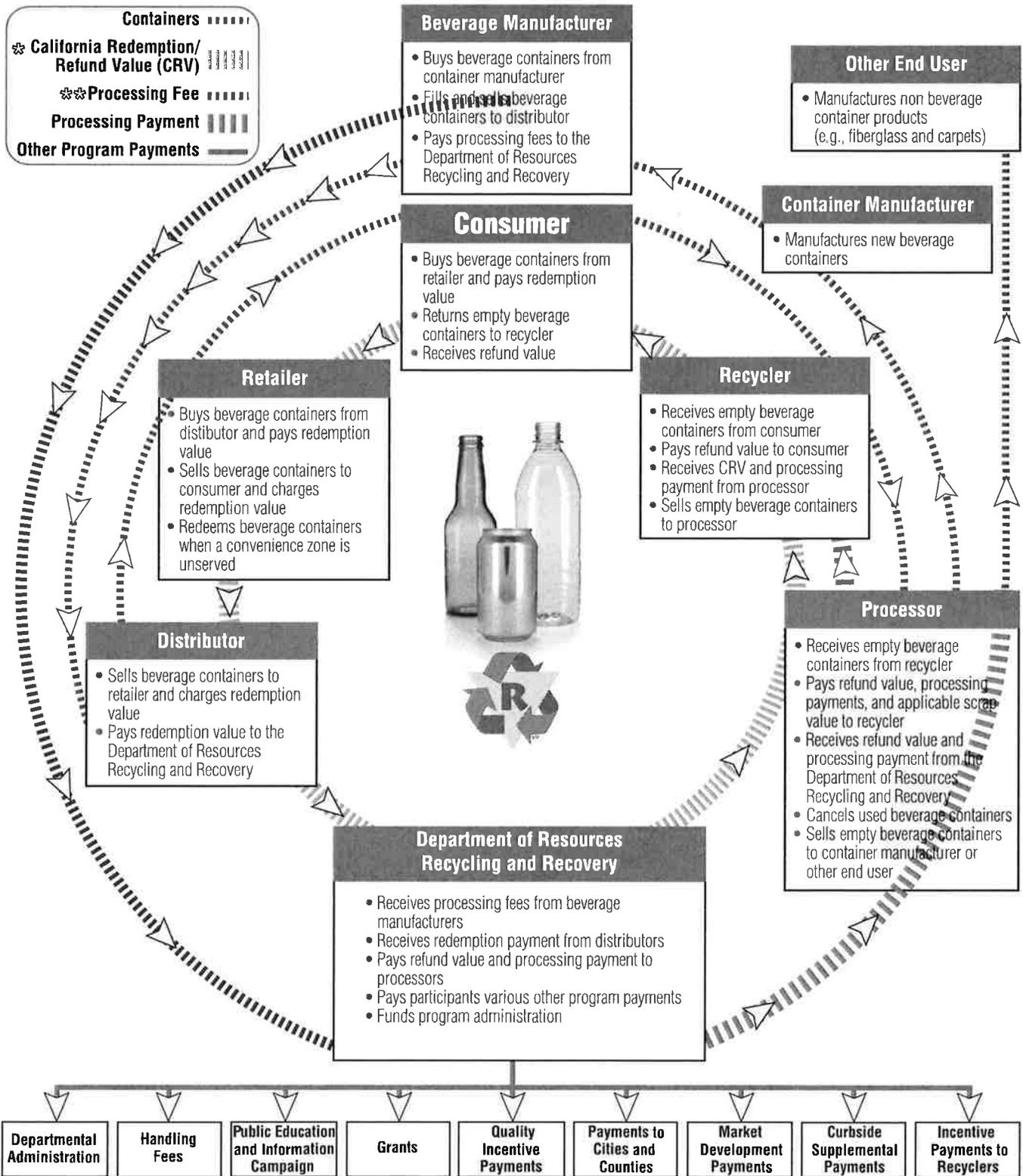
Julie Badorek, Julindra Recycling
Jeremy Herber, Recology Del Norte
Governor Jerry Brown

Attachment B



The California Beverage Container Recycling and Litter Reduction Act

Flow of Payments under the Beverage Container Recycling Program (with Container Flow)



NOTES: * California Redemption Value is paid when a beverage container is purchased. California Refund Value is received when a beverage container is returned for recycling. CRV is used to reference both terms.
 ** Processing payments are paid to recyclers equaling the difference between the average cost to recycle and the average scrap value received.
 Processing fees are equal to a percentage of processing payments ranging from 10 to 65 percent.

Attachment C

Modernizing the Beverage Container Recycling Program

Summary

Combatting climate change requires strategies to reduce the amount of landfilled waste and increase recycling for multiple types of materials. Recycling reduces greenhouse gas emissions by lessening the need for natural resource extraction, saving energy in the manufacturing of new products, and minimizing landfill emissions.

Over the past 30 years, the Beverage Container Recycling Program (Program) has raised consumer awareness of the environmental impacts of littering and the benefits of recycling single-use beverage containers. The Program has successfully prevented hundreds of billions of single-use beverage containers from becoming litter and has promoted a robust recycling collection infrastructure. However, the Program is limited in its abilities to adapt to changes in consumer products and behavior, developments in recycling systems, and fluctuations in the global commodities market. These limitations have created challenges and missed opportunities to maximize the benefits of recycling beverage containers, especially climate change benefits. To maximize the environmental and economic benefits of recycling beverage containers, the Program requires comprehensive reform that aligns with the state's climate change goals, the state's 75 percent solid waste reduction, recycling, and composting goal (AB 341, Chapter 476, Statutes of 2011), and fiscal sustainability.

Background

The 1986 California Beverage Container Recycling and Litter Reduction Act (Act) includes the following findings and declarations:

- Ensure that every container type proves its own recyclability.
- Make redemption and recycling convenient to consumers.
- Create and maintain a marketplace where it is profitable to establish sufficient recycling centers and locations to provide consumers with convenient recycling opportunities through the establishment of minimum refund values and processing fees and, through the proper application of these elements, to enhance the profitability of recycling centers, recycling locations, and other beverage container recycling programs.

The Act notes the responsibility to provide convenient, efficient, and economical redemption opportunities rests jointly with manufacturers, distributors, grocers, retailers, recyclers, processors, and the Department of Resources Recycling and Recovery (CalRecycle).

Recycling beverage containers into new products creates environmental and economic benefits by conserving resources and preventing pollution. When a beverage container is successfully collected, processed, and remanufactured into a new beverage container in the state, for example, Californians reduce the need for extraction of new natural resources, save energy through remanufacturing, reduce greenhouse gas emissions, create California jobs, and prevent littering and pollution. These achievements align with the state's climate goals and the state's 75 percent solid waste reduction, recycling, and composting goal.

In the early years of the Act, the Program brought focus to resource conservation by successfully educating consumers on the environmental impacts of littering and the benefits of collecting beverage containers for recycling. Although collection is a key first step, resource conservation is contingent upon the processing and remanufacturing of recyclable material into new products. The Program supports the development of beverage container collection

systems as well as in-state processing capacity. However, changes in beverage container packaging, the collection infrastructure, and the global commodities market have created challenges for conserving and recovering recyclable material from beverage containers.

Beverage Packaging. Modern beverage container packaging is more diverse and complex. Today, the Program manages significantly more plastic and composite packaging than was initially anticipated, which creates challenges for handling and sorting beverage containers. In addition, not all beverages are in the Program by virtue of their packaging. For example, water sold in a carton is excluded from the Program, whereas water sold in a plastic bottle is included. At the same time, not all beverages in existing Program material types are covered. For example, wine and distilled spirits sold in glass are excluded from the Program, whereas beer and water sold in glass are included. These exclusions from the Program and the continuing evolution of packaging has, in many instances, outpaced the Program's ability to maximize the recycling of beverage container materials into new commodities.

Collection Systems. The current collection system includes curbside operations and recycling centers, which differ in terms of direct redemption opportunity and quality of recycled material. In conjunction with the Program, the 50 percent solid waste diversion mandate (AB 939, Chapter 1095, Statutes of 1989) led to the adoption of curbside collection in California. Curbside collection is efficient at capturing large amounts and types of recyclable materials, including beverage containers. However, mixing all recyclables together in curbside bins leads to loss of material and increased contamination, raising the cost of recycling. For example, curbside operations capture significant amounts of glass packaging, but these operations also experience substantial breakage of glass packaging, making recovery difficult and increasing the amount of glass landfilled. Furthermore, the broken glass contaminates and reduces the value of other recyclable materials. Some curbside operators have made the necessary investments and demonstrated the ability to address these challenges, but the infrastructure varies across the state. In contrast, recycling centers provide consumers direct redemption opportunities and generally produce cleaner recyclable materials. Despite the quality differences, the Program supports both curbside operations and recycling centers with nearly identical mechanisms.

Global Markets. Recyclable materials are commodities subject to fluctuations in the global commodities market. Recent declines in global demand and scrap values for recyclable commodities have impacted all levels of California's recycling infrastructure, including the robust network of recycling centers. In 2016, the state experienced a net loss of over 350 recycling centers. The Program plays an important role in supporting the recycling center infrastructure when the cost of recycling is more than the scrap value of the material. However, the Program lacks the ability to rapidly adjust processing payments that support the recycling infrastructure and mechanisms to bolster in-state markets for recycled materials in times of low commodity scrap values and decreased global demand.

The Administration is committed to collaborating with stakeholders on a comprehensive reform that aligns with the state's climate change goals and the state's 75 percent solid waste reduction, recycling, and composting goal, and is fiscally sustainable. To that end, CalRecycle proposes the following policy framework outlining key components of reform.

Modernization Proposal

Principles

To maximize the environmental and economic benefits of recycling beverage containers, the program requires comprehensive reform that aligns with the state's climate change goals, the state's 75 percent solid waste reduction, recycling, and composting goal, and is fiscally sustainable based on the following principles:

- Improving Recycling and Remanufacturing
- Sharing Responsibility
- Enhancing Adaptability and Sustainability

Improving Recycling and Remanufacturing

The Program has been successful in its initial goal of reducing litter by providing recycling collection opportunities for consumers. However, collection does not ensure that a product is recycled into a new commodity. Future investments should be dedicated to creating clean, recyclable streams of material to facilitate recycling and remanufacturing. To facilitate recycling and remanufacturing, CalRecycle will focus reform efforts on maintaining redemption opportunities for consumers and increasing the stream of clean recyclable materials.

Recycling Center Infrastructure. Recycling centers provide consumers the opportunity to directly redeem their beverage containers and produce clean material streams for recycling. CalRecycle proposes to strengthen recycling center infrastructure by reorganizing payments to support lower volume and rural recycling centers, maintaining grocer responsibility, and increasing local responsibility to support opportunities for consumers to redeem their containers.

- A. A substantial portion of the recycling centers that have closed over the last year handled low volumes of materials. In addition, these centers were disproportionately located in rural regions with limited access to recycling collection. Based on its cost surveys, CalRecycle has identified that lower volume sites have higher costs per container than higher volume sites; this difference is not reflected in the current processing payment or handling fee. **CalRecycle proposes to restructure the processing payments and handling fees to support lower volume and rural sites through a tiered structure that combines these payments.**
- B. Grocery and retail locations are the primary distributors of beverage containers to consumers in California. Currently, grocers and retailers have a responsibility under the Program to provide redemption opportunities to consumers. However, the Program currently provides limited options for compliance: (1) establish a recycling center in the grocer/retailer parking lot, (2) allow for in-store redemption, or (3) pay a \$100 per day in-lieu fee. In the past three decades, consumer behavior for redemption has changed and there has been a recent contraction in the number of recycling centers due to fluctuations in the global commodities market. Recycling center closures have left grocers and retailers with the responsibility to provide in-store redemption or pay the in-lieu fee. CalRecycle continues to support redemption opportunities near the point of sale, but recognizes there may be other mechanisms for redemption and the

responsibility to establish these opportunities must be shared. **CalRecycle proposes to continue a form of grocer and retailer responsibility, and seeks the ability to approve innovative, local compliance options that enhance consumer redemption opportunities.**

- B. As mentioned above, the Program currently has a limited set of options for providing consumer redemption opportunities and CalRecycle supports the adoption of new mechanisms, such as mobile recycling, that increase direct redemption. While grocers and retailers have a responsibility to provide redemption opportunities, the Program does not fully account for the role of local jurisdictions in local land use decisions that allow for recycling centers to operate. Currently, local governments receive Program payments even if local land use decisions do not support recycling center operations or other mechanisms that provide direct redemption opportunities for their constituents. At the same time, local governments are best equipped to implement effective redemption opportunities that suit their communities. **CalRecycle proposes to restructure the current city and county payments into a competitive grant program for local governments and implement new opportunities for redemption. In addition, CalRecycle proposes to allocate Program payments based on the extent to which a local jurisdiction has supported sufficient direct redemption opportunities for consumers.**

Curbside Operations. Consumers may choose to forego redemption of their beverage containers and, instead, use curbside services. When consumers use curbside services, curbside operators may claim payments for that CRV material. While other states with beverage container deposit systems do not allow for curbside operations to receive redemption payments, CalRecycle recognizes that curbside operators support the accessible collection of beverage containers in the Program. However, as discussed earlier, system improvements are needed to meet California's environmental and economic goals. In addition, current methodologies used to calculate the amount of CRV handled by curbside operators must be reevaluated so that Program payment methodologies accurately capture the true amount of CRV material handled. CalRecycle also recognizes that theft of curbside materials is a problem faced by curbside operators and that collaboration is needed to develop solutions. Lastly, CalRecycle seeks to support and provide incentives encouraging clean recycled material streams collected through curbside collection.

- A. Curbside operators currently receive CRV and processing payments for collected beverage containers. **CalRecycle proposes to modify these program components by providing a new payment based on recycled feedstock quality and system efficiency.** This program modification would be implemented gradually in order to allow curbside operators sufficient time to adjust operations to adapt to the new payment system.
- B. The current curbside supplemental payment is \$15 million and is paid based on the number of processed beverage containers. In order to produce high quality recycled feedstock and increase system efficiency from curbside operations, **CalRecycle proposes replacing the curbside program with a competitive grant program supporting collection modernization and processing infrastructure.**

Beverages and Beverage Containers. Beverage containers included in deposit systems are collected and recycled at high rates. However, not all beverages sold in California are covered by the Program. Although the Program was expanded in 2000 to include water, among other beverages, the Act artificially limits the types of beverage containers that are included. This creates confusion for the consumer, since the same beverage may or may not be in the Program based on its packaging material, and creates a disparity between related beverage types. In order to establish equity within the Program, **CalRecycle proposes to add additional beverages packaged in existing Program materials (e.g., plastic, glass, and aluminum), such as wine, distilled spirits, and large juices, beginning on July 1, 2018.** This proposal supports the state's waste diversion and climate change goals, eliminates existing inequities in the marketplace, and facilitates the collection of these containers at recycling centers producing cleaner material streams.

CalRecycle is also cognizant of the evolving market for beverage container materials. As a result, **the Department seeks authority to develop and implement regulations that would add other beverage container material types.** This would include aseptics, cartons, and flexible packaging. The proposal is designed to give CalRecycle the authority to adopt these changes in a way that is efficient, allows for the necessary development of the recycling infrastructure, and minimizes potential fraud risks.

Sharing Responsibility

Historically, the consumer has shouldered most of the financial burden to sustain the program. Program responsibilities and financing should be rebalanced among all program participants.

Under the current Program, the financial responsibility for recycling beverage containers rests primarily on the consumer. Consumers pay \$0.05 or \$0.10 on each beverage container purchased, and in order to get their deposit back, consumers must travel to a recycling center to return their container. In contrast, beverage manufacturers pay \$0.00024 for each PET container they sell in California.

- A. When the Program was first implemented, beverage manufacturers had the financial responsibility to cover the costs of recycling beverage containers. The shift to unredeemed CRV covering the beverage manufacturers' share of the processing fee has limited the Program's opportunities to support critical recycling infrastructure. **CalRecycle proposes to restore the requirement that beverage manufacturers cover the cost of recycling.**
- B. Currently, beverage manufacturers do not play a strong enough role in supporting markets for post-consumer recyclable material especially when the cost of virgin beverage container material is less than recycled material. **CalRecycle proposes to require beverage manufacturers to support recycled material markets through one or more of the following: minimum content requirements, material buy-back requirements, refillable beverage container options, and designs for recyclability.**

- C. The current resin identification codes (RIC) do not adequately distinguish between plastic polymers used for beverage containers. For example, plastic beverage containers made of polyethylene terephthalate (PET) are labeled as RIC 1, but may contain polymers or other components that render the material incompatible with the PET recycling infrastructure. **CalRecycle proposes to reform the RIC system to require that beverage containers labels reflect their recyclability.**

Enhancing Adaptability and Sustainability

Increases in the recycling rate have resulted in a structural deficit in the Beverage Container Recycling Fund. In addition, the program does not respond quickly to fluctuations in the global commodities market. The program must be both nimble and fiscally sustainable to advance the state's economic and environmental goals. A comprehensively reformed program must be fiscally stable and include a mechanism preventing future structural deficits.

Over the last 30 years, the Act has been amended repeatedly and reflects a patchwork of various changes. **CalRecycle proposes to remove antiquated Program provisions and create program efficiencies.** These changes include, but are not limited to, clarifying definitions and reporting requirements, optimizing Program payments, and implementing other Program improvements.

The Program must also become nimbler to respond to fluctuations in the global commodities market. For example, the current statutorily prescribed formula for calculating processing payments includes variables that lag behind real-time changes in both recycling costs and scrap value calculations. This lag, combined with other factors, causes lower processing payments during times that recycling operators are most negatively impacted by global markets. As a part of comprehensive reform, existing mechanism must be modified to reduce the lag, thereby facilitating timely adaptation to market changes.

CalRecycle is proposing significant reforms to the Program, which must be implemented incrementally over time. In the course of reforming the Program, CalRecycle seeks to address the current \$50 million structural deficit and limit adverse impacts such as the need to proportionally reduce payments.

Appendix:

Policy Principles

To maximize the environmental and economic benefits of recycling beverage containers, the program requires comprehensive reform that aligns with the state's climate change goals, the state's 75 percent solid waste reduction, recycling, and composting goal, and fiscal sustainability based on the following principles:

- **Improving Recycling and Remanufacturing**—The program has been successful in its initial goal of reducing litter by providing recycling collection opportunities for consumers. However, collection does not ensure that a product is recycled into a new commodity. Future investments should be focused on creating clean, recyclable streams of material, which will improve the recycling and remanufacturing segments of the current system.
- **Sharing Responsibility**—Historically, the consumer has shouldered most of the financial burden to sustain the program. Program responsibilities and financing should be rebalanced among all program participants.
- **Enhancing Adaptability and Sustainability**—Increases in the recycling rate have resulted in a structural deficit in the Beverage Container Recycling Fund. In addition, the program does not respond quickly to fluctuations in the global commodities market. The program must be both nimble and fiscally sustainable.

Modernization Proposal Outline

Improving Recycling and Remanufacturing - Redemption Opportunities and Clean Material Streams

- a) Recycling Center Infrastructure
 - i) Restructure processing payments and handling fees to support lower volume and rural sites through a tiered structure that combines these payments.
 - ii) Maintain grocer and retailer obligation and give the Department the authority to expand compliance options.
 - iii) Increase local responsibility to support solutions for consumers to redeem.
 - (1) Restructure city/county payments and competitive grants to provide competitive grant funding.
 - (2) Option to link Program payments to local opportunities to redeem.
- b) Curbside Operations
 - i) Create a single curbside payment based on recycled feedstock quality and system efficiency.
 - ii) Convert curbside supplemental payment into a competitive grant program to support modernization of collection and material recovery infrastructure.
- c) Beverages and Beverage Containers
 - i) Include beverages in current materials, and add wine and distilled spirits, on July 1, 2018.
 - ii) Authority to add additional container material types, including but not limited to aseptics, cartons, and flexible packaging

Sharing Responsibility

- a) Require beverage manufacturers to cover the full cost of recycling.
- b) Require beverage manufacturers, or an organization representing manufacturers, to create markets for recycled products through one or more of the following:
 - i) Minimum content requirements
 - ii) Material buy-back
 - iii) Refillable containers
 - iv) Design for recyclability
- c) Reform Resin Identification Codes to enhance recyclability.

Enhancing Adaptability and Sustainability

- a) Cleanup antiquated program provisions.
- b) Evaluate and improve program efficiency.
- c) Provide authority to respond to changes in the global commodities market.
- d) Limit adverse impacts such as the need to proportionally reduce payments.

Attachment D

California Legislature

Senate Committee on
Environmental Quality

BOB WIECKOWSKI
CHAIR



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OVERSIGHT HEARING OF THE SENATE ENVIRONMENTAL QUALITY COMMITTEE

An Overview of California's Beverage Container Recycling (Bottle Bill) Program

Wednesday, February 15, 2017
California State Capitol, Room 3191
9:30 a.m.

BACKGROUND

Bottle Bill Overview

The Bottle Bill was established by AB 2020 (Margolin, Chapter 1290, Statutes of 1986). The purpose of the program is to be a self-funded program that encourages consumers to recycle beverage containers to prevent littering. The program accomplishes this goal by requiring consumers to pay a deposit for each eligible container purchased. Then the program guarantees consumers repayment of that deposit, the California Redemption Value (CRV), for each eligible container returned to a certified recycler. Statute includes two main goals for the program: (1) reducing litter; and, (2) achieving a recycling rate of 80% for eligible containers.

Eligible beverage containers. Only certain beverage containers containing certain beverages are part of the CRV program. Most containers made from glass, plastic, aluminum, and bimetal (consisting of one or more metals) are eligible. Wine, spirits, milk, fruit juices (over 46 ounces), vegetable juice (over 16 ounces), and soy drinks are not eligible for CRV. Container types that are not included in the CRV program are cartons, pouches, and any container that holds 64 ounces or more.

Participants in the Bottle Bill program. The various stakeholders in the Bottle Bill program include:

- *Consumer.* Every person who, for his or her use or consumption, purchases a beverage in a beverage container from a dealer.
- *Dealer.* A retail establishment which offers the sale of beverages in beverage containers to consumers. However, any lodging, eating, or drinking establishment, or soft drink vending machine operator who engages in the sale of beverages in beverage containers to consumers shall not be deemed a dealer for purposes of the Bottle Bill program.
- *Distributor.* Every person who engages in the sale of beverages in beverage containers to a dealer in the state, including any manufacturer who engages in these sales. "Distributor" includes any person who imports beverages from outside of this state for sale to dealers or consumers in this state.
- *Beverage Manufacturer.* A person who bottles, cans, or otherwise fills beverage containers, or imports filled beverage containers, for sale to distributors, dealers, or consumers.
- *Container Manufacturer.* A person who produces beverage containers for filling by beverage manufacturers, including any person who imports these beverage containers from outside of this state for filling by beverage manufacturers.
- *Recycler.* A recycling center, dropoff or collection program, or curbside program.
- *Processor.* A person, including a scrap dealer, certified by the Department of Resources Recycling and Recovery (CalRecycle), who purchases empty aluminum beverage containers, bimetal beverage containers, glass beverage containers, plastic beverage containers, or any other beverage containers, including any one or more of those beverage containers, which have a refund value established pursuant to the Bottle Bill, from recycling centers in this state for recycling, or, if the container is not recyclable, not for recycling, and who cancels, or who certifies to the department the cancellation of, the

refund value of these empty beverage containers by processing empty beverage containers, in any manner which the department may prescribe.

- *CalRecycle*. State agency which administers, oversees, and enforces the Bottle Bill program.

Flow of CRV containers and payments. The Bottle Bill involves the flow of beverage containers and payments between several sets of parties, including consumers, retailers, recyclers, and manufacturers. At each stage, beverage containers and CRV are exchanged between participants. The Beverage Container Recycling Fund (BCRF) is used to collect and distribute payments for the CRV program.

Consumers generally have three options to recycle: return container to a recycler at a convenience zone (CZ) recycling center; return to an “old line” recycler; or, “donate” the container to a curbside collector. Once collected, the containers are sold to a processor.

Processors sort, clean, and process the containers into materials ready to be recycled, such as glass cullet or plastic flake, which they are able to sell to manufacturers for use in new beverage containers or other types of products. Beverage manufacturers that use glass and aluminum containers combine the recycled material with virgin material to create new containers and fill them with beverages. Plastic beverage containers generally contain no recycled content.

Flow of CRV. When beverage containers are exchanged, there is a corresponding CRV exchange. When consumers purchase beverages, they pay CRV to retailers. Retailers pass the CRV to beverage distributors. Beverage distributors pay CRV on all new beverage containers they sell in California to the BCRF after keeping 1.5% (about \$18M/year) for administrative costs. The BCRF is then used to pay CRV to processors for the containers they process. Processors pass the CRV on to the recyclers who collected the empty containers. Recyclers, in turn, pay CRV to consumers who redeem their beverage containers at a recycling center. In this way, consumers are able to recoup their CRV from the recycler.

Ways to redeem containers. Consumers have three different avenues in which they may redeem containers:

- Return the container to a “convenience zone” recycling center located within ½ mile radius of a supermarket. These are generally small centers that only accept beverage containers and receive handling fees from the BCRF. CZ

recyclers collect about 25% of CRV containers, but are utilized by 60% of consumers.

- Return the container to an “old line” recycling center, which refers to a recycler that does not receive handling fees and usually accepts large quantities of materials, frequently by truckload from municipal or commercial waste collection services. Traditional recyclers collect slightly more than half of all CRV containers (54%).
- Consumers can also "donate" their containers to residential curbside recycling collection. Curbside programs collect about 10% of CRV containers. Curbside programs keep the CRV on these containers.

High recycling results in structural deficit. Since the program was first implemented, the recycling rate of eligible containers has increased from 52% to 85%, exceeding the statutory recycling goal of 80%. Moreover, the total number of containers that are recycled has tripled due to the higher recycling rate and several expansions in the types of eligible containers over the years. The high recycling rate combined with the large number of additional expenditures has resulted in a budgetary shortfall within the BCRF.

Additional Expenditures. Until recently, lower recycling rates resulted in a half-billion dollar surplus in the BCRF, and previous Governors used the surplus to fund several loans to the General Fund. In an attempt to increase recycling and reduce the surplus, the Legislature amended the Bottle Bill a few times between 2000 and 2003 to include additional beverages, reduce the processing fees paid by manufacturers, establish the processing fee “offset” (reduced processing fees based on the “recycling rate” of a material), increase the CRV, increase handling fees to larger CZ recyclers, and establish and increase funding for a number of additional recycling programs. These programs are not directly related to the CRV, but they are intended to help achieve broader recycling goals. In 2006, AB 3056 (Committee on Natural Resources, Chapter 907, Statutes of 2006) increased the amounts of many of the additional programs, adjusted handling fees, and increased distributors' administrative fee.

The funding amounts for the supplemental programs are set in statute. A provision within the section that establishes the bulk of the BCRF expenditures requires CalRecycle to “reduce all payments proportionally” if it determines that there are insufficient funds to make any of the payments. Stakeholders refer to this reduction in funding as “proportional reduction.”

Supplemental programs funded by CRV include:

- *Processing Payments, Fees, and Offsets.* For many material types, the cost of recycling containers is greater than the value of the recycled material, which is referred to as the “scrap value.” This means that, absent some additional financial support, accepting these containers from consumers and recycling them would be unprofitable for recyclers and processors. In order to close that gap, the state subsidizes recycling by making “processing payments” from the BCRF to recyclers and processors. CalRecycle determines processing payment amounts by estimating recycling costs through surveys of recyclers every two years and calculating scrap values based on monthly reports from processors.

The cost to the BCRF of making processing payments is partially covered by the beverage manufacturers who produce these containers when they pay “processing fees” into the BCRF. The processing fees are calculated based on the number of containers each manufacturer sells. While processing fees were established to cover the full cost of making processing payments to recyclers and producers, over time the Legislature has reduced the processing payment by creating the “processing fee offset.” Since 2003, processing fee offsets have been determined on a sliding scale based on recycling rates (the amount of material collected for recycling, not the amount of material actually being recycled into new containers). As recycling rates for specific materials increase, beverage manufacturers that produce containers from those materials pay proportionally less in processing fees.

- *Handling Fees.* Supermarkets with more than \$2 million in gross annual sales are required to have a recycling center within a ½ mile radius, which is referred to as the “convenience zone.” CZ recyclers receive a “handling fee” from CalRecycle based on the number of containers they redeem.

Supermarkets that do not have a CZ recycler are required to take back containers themselves or pay an “in lieu” fee of \$100 per day.

- *Administrative Fees.* Statute provides administrative fees to beverage distributors, recyclers, and processors to defray their costs of program participation. Since 2006, beverage distributors retain 1.5 % of the total CRV collected to cover administrative costs. CalRecycle pays processors

2.5% of their reimbursed CRV; processors then distribute 0.75% to recyclers.

- *Curbside Supplemental Payments.* \$15 million is annually allocated to residential curbside recycling collection programs and neighborhood drop-off programs to encourage curbside recycling. The curbside supplemental payment is distributed to individual programs based on each program's share of beverage containers collected over the previous year.
- *Payments to Local Governments.* \$10.5 million is annually allocated to cities and counties for beverage container recycling and litter cleanup activities. Payments are distributed proportionally based on each jurisdiction's population.
- *Plastic Market Development (PMD) Payments.* PMD payments are awarded to plastic processors and plastic product manufacturers for empty plastic beverage containers that are processed and recycled into new material in California.
- *Quality Incentive Payments (QIP).* \$10 million is annually allocated for QIP in order to improve the quality and marketability of collected glass containers. Glass container recycling has significant GHG benefits and supports in-state bottle manufacturing. Curbside glass has significant issues with contamination and requires a great deal of processing prior to recycling. Glass collected at recycling centers is generally much higher quality and more easily recycled into new containers.
- *Local Conservation Corp (LCC) Grants.* LCCs are awarded grants to operate beverage container litter reduction and recycling programs. The 2014-15 Budget shifted some funding for the LCCs from the BCRF to three other special fund sources to reduce LCC reliance on the BCRF on an ongoing basis.

CalRecycle's proposal on comprehensive reform of the Bottle Bill program.

According to CalRecycle, the Bottle Bill program is limited in its abilities to adapt to changes in consumer products and behavior, developments in recycling systems, and fluctuations in the global commodities market. These limitations have created challenges and missed opportunities to maximize the benefits of recycling beverage containers, especially climate change benefits. To that end, CalRecycle

has proposed a policy framework outlining key components of reform and based on the following principles:

- *Improving recycling and remanufacturing.* According to CalRecycle, the program has been successful in its initial goal of reducing litter by providing recycling collection opportunities for consumers. However, collection does not ensure that a product is recycled into a new commodity. Future investments should be dedicated to creating clean, recyclable streams of material to facilitate recycling and remanufacturing. To facilitate recycling and remanufacturing, CalRecycle will focus on reform efforts on maintaining redemption opportunities for consumers and increasing the stream of clean recyclable materials.
- *Sharing responsibility.* According to CalRecycle, historically, the consumer has shouldered most of the financial burden to sustain the program. Program responsibilities and financing should be rebalanced among all program participants. Under the current program, consumers pay \$0.05 or \$0.10 on each beverage container purchased, and in order to get their money back, consumers must travel to a recycling center to return the container. In contrast beverage manufacturers pay \$0.00024 for each polyethylene terephthalate (PET) container they sell in California.
- *Enhancing adaptability and sustainability.* According to CalRecycle, increases in the recycling rate have resulted in a structural deficit in the BCRF. In addition, the program does not respond quickly to fluctuations in the global commodities market. The program must be both nimble and fiscally sustainable to advance the state's economic and environmental goals. A comprehensively reformed program must be fiscally stable and include a mechanism preventing future structural deficits.

CalRecycle has committed to collaborating with stakeholders on a comprehensive reform of the Bottle Bill program that aligns with the state's climate change goals and the state's 75% solid waste reduction, recycling, and composting goal, and is fiscally sustainable.

* * *

Attachment E

Revised Del Norte Solid Waste Management Authority Code of Ethics and Conduct for Board Commissioners And Members Appointed To Commissions and Committees

Statement of Purpose:

The Board of Commissioners for the Del Norte Solid Waste Management Authority desires the highest level of ethical conduct for the members of the Board of Commissioners and members of appointed commissions and committees and the alternates of each body. The residents and businesses of the City of Crescent City and County of Del Norte are entitled to fair and accountable local government and to be represented by public officials who act in an ethical manner. The Del Norte Solid Waste Management Authority's strong desire to fulfill this mission therefore requires that:

- Public officials, both elected and appointed, comply with both the letter and spirit of the laws and policies affecting the operations of government;
- Public officials be independent, impartial and fair in their judgment and actions;
- Public office be used for the public good, not for personal gain; and
- Public deliberations and processes be conducted openly, unless legally confidential, in an atmosphere of respect and civility.

To this end, the Board of Commissioners of the Del Norte Solid Waste Management Authority has adopted this Code of Ethics and Conduct (Code of Ethics) for elected officials and members of appointed commissions and committees to assure public confidence in the integrity of local government and its effective and fair operation. It is intended that this Code of Ethics apply to the designated public officials and candidates for the Board of Commissioners; members of the public seeking appointment to commissions and committees are strongly encouraged to endorse and comply with the provisions of this Code of Ethics. Board of Commissioners members and members of appointed commissions and committees and their alternates are referred to generally as "Public Officials" in this Code of Ethics.

This Code addresses selective aspects of the governance of the Authority and supplements, but does not supplant, other laws and rules that prescribe the legal responsibilities of Public Officials. Those include, among others, the California Constitution, various provisions of the California Government Code (including the Brown Act and the Political Reform Act) and Labor Code, federal laws prohibiting discrimination and harassment, and the provisions of the Authority's own Ordinances and Resolutions. Elected and appointed officials should be familiar with these laws to assure that they exercise their responsibilities properly. In addition, the Authority's General Counsel is available to respond to questions

about these matters.

It is not possible for a code of this kind to anticipate and provide a rule of conduct for all situations. At bottom, it is expected that officials will manage their behavior in a manner consistent with the rules that follow, respect the chain of command and behave within the bounds of their authority. It is also expected that officials will treat each other, Authority employees, and the residents and business-people within Del Norte County with courtesy and respect in a manner that reflects well on the Authority.

1. Act in the Public Interest

Recognizing that the public interest must be their primary concern, Public Officials will work for the common good of the people of the Del Norte Solid Waste Management Authority and not for any private or personal interest. They will assure fair and equal treatment of all persons, businesses and interests coming before the Del Norte Solid Waste Management Authority Board of Commissioners, commissions, and committees. The professional and personal conduct of Public Officials must be above reproach and avoid even the appearance of impropriety. Commissioners are obliged to not independently discuss or explore courses of action with Authority contractors that are likely to directly or indirectly undermine the viability of the Del Norte Solid Waste Management Authority, unless such discussions have been addressed as an agenda item of discussion at a regular public Authority Board meeting and such independent Commissioner discussion is consistent with all prior actions of the Authority Board of Commissioners.

2. Comply with the Law

Public Officials shall comply with the laws of the nation, the State of California, and the Del Norte Solid Waste Management Authority in the performance of their public duties. These laws include, but are not limited to: the Constitutions of the United States and California; laws pertaining to conflicts of interest, financial disclosures, employer responsibilities, open processes of government, confidentiality of closed session information; and the Del Norte Solid Waste Management Authority Joint Powers Agreement, Bylaws, Ordinances and Resolutions.

3. Respect for Process

Public Officials shall perform their duties in accordance with the processes and rules of order established by the Board of Commissioners, commissions, and committees governing the deliberation of public policy issues, meaningful

involvement of the public, and implementation of policy decisions of the Board of Commissioners by Authority staff.

4. Decisions Based on Merit

Public Officials shall base their decisions on the merits and substance of the matter at hand. Public Officials shall prepare themselves for public issues, review relevant staff reports and printed materials as presented, listen courteously and attentively to all public discussions before the body, and focus on the business at hand.

5. Communication

Public Officials shall share substantive information that is relevant to a matter under consideration by the Board of Commissioners, commissions, and committees which they may have received from sources outside the public decision-making process. Public Officials shall avoid improper ex parte communications with parties when the official is sitting in a quasi-judicial role. Meetings between Authority Commissioners and representatives of Authority contractors are ex parte communications and discouraged unless such direction has been given by the Board. Any such meetings should be disclosed to the other Commissioners at the start of the next regular Authority meeting.

Whenever an official is representing the Authority, in or out-of-town, the Public Official is "on-duty" and should behave in a manner that will reflect well on the Authority. When out-of-town or at social events there is a temptation to behave more informally than one might at headquarters, which can lead to awkward or embarrassing situations, and in extreme cases to improper or illegal behavior.

Public Officials shall refrain from abusive conduct, personal charges or verbal attacks upon the character or motives of other members of the Board of Commissioners, commissions and committees, the staff or public. They shall refrain from interrupting other speakers, making personal comments not germane to the business of the body, or otherwise interfering with the orderly conduct of meetings. This provision is not intended to limit the right of a Public Official to comment on the manner in which the business of the Authority is being conducted, but personnel matters related to Authority employees should be addressed to the Authority's Director consistent with his/her responsibilities and recognizes that the board's meeting is a business meeting as well as a public forum.

6. Conflict of Interest

In order to assure their independence and impartiality on behalf of the common good, public officials shall not use their official positions to influence government decisions in which they have a material financial interest or personal relationship which may give the appearance of a conflict of interest. Public Officials shall comply with state law, the Joint Powers Agreement and the Authority's Ordinances regarding disclosure and avoidance of conflicts of interest.

7. Gifts and Favors

Public Officials shall comply with the requirements of the Political Reform Act relating to the acceptance and reporting of gifts.

8. Confidential Information

Public Officials shall not use or disclose information obtained through Authority service for improper purposes. Public Officials often acquire information in performing their duties that is not generally available to the public, including information received in closed sessions. Sometimes this information is confidential or highly sensitive. Information that is not generally available to the public, including discussions held during Closed Sessions, must remain confidential and be used only for the purposes for which it was divulged. Public Officials shall neither disclose confidential information without proper legal authorization, nor use such information to advance their personal interests.

9. Use of Public Resources

Public Officials shall not use public resources not available to the public in general, such as Authority staff time, equipment, supplies or facilities, for private gain or personal purposes. Public Officials shall not utilize the Authority's name or logo for the purpose of endorsing any political candidate or business.

10. Political Contributions

A member or candidate for Board of Commissioners shall not solicit contributions or endorsements from the Authority's employees. This provision is not intended to interfere with an employee's right to endorse or contribute on his/her own or to prohibit soliciting contributions or endorsements from employee bargaining units.

11. Representation of Private Interests

In keeping with their role as stewards of the public interest, members of Board of Commissioners shall not appear on behalf of the private interests of third parties before the Board of Commissioners or any board, commission, committee, or proceeding of the Authority, nor shall members of commissions or committees appear before their own bodies or before the Board of Commissioners on behalf of the private interests of third parties on matters related to the areas of service of their bodies.

12. Advocacy

Public Officials shall represent the official policies or positions of the Board of Commissioners or committee to the best of their ability when designated as delegates for this purpose. Public Officials occasionally speak before other public bodies, neighborhood groups or to the press. When doing so, they should always make it clear whether they are presenting their own point of view or whether they have been authorized by the body of which they are a member to present a particular view. They should be clear in all oral and written utterances whether they are using their title for identification purposes or because they are speaking in an official capacity. The actions and recommendations of subsidiary bodies are presented to the Board of Commissioners as part of the staff report, and often memorialized in a resolution. If a subsidiary body feels it necessary to supplement these written transmittals, it should expressly authorize one of its members to speak on its behalf.

Authority letterhead must be used with care to avoid misunderstandings. Letterhead may be used to communicate official Authority policy or actions. It is also routinely used by Commissioners to respond to inquiries or communicate their individual opinions, in which event the author should be clear about whose view is being presented.

13. Policy Role of Members

Public Officials shall respect and adhere to the commission-manager structure of the Del Norte Solid Waste Management Authority as outlined in the Authority's policies and procedures and follow the Del Norte Solid Waste Management Authority's Joint Powers Agreement and its ordinances with respect to the Authority's Director's relationship with the Board of Commissioners. In this structure, the Board of Commissioners determines the policies of the Authority with the advice, information and analysis provided by the public, commissions and committees, and Authority staff. Except as provided by the Joint Powers Agreement or ordinance, Public Officials shall not interfere with the administrative functions of the Authority or the professional duties of Authority

staff; nor shall they impair the ability of staff to implement board policy decisions.

14. Positive Work Place Environment

Consistent with the Del Norte Solid Waste Management Authority's Core Values, Public Officials shall support the maintenance of a positive and constructive work place environment for Authority employees and for residents and businesses dealing with the Authority. Public Officials shall recognize their special role in dealings with Authority employees and refrain from creating the perception of inappropriate direction to staff.

15. Harassment and Discrimination

Public Officials shall not engage in any form of harassment or unlawful discrimination. The Del Norte Solid Waste Management Authority is committed to providing an environment that is free from unlawful discrimination, including discrimination or harassment that is based on any legally protected status. The Authority will not tolerate any form of discrimination or harassment that violates this policy. This policy forbids any unwelcome conduct that is based on an individual's age, race, color, religion, sex, national origin, ancestry, marital status, sexual-orientation, veteran status, physical or mental disability, legally protected medical condition or association with anyone who has, or is perceived to have, any protected characteristic, or any other basis protected by state, federal or local law.

16. Implementation of the Code of Ethics

The Del Norte Solid Waste Management Authority Code of Ethics expresses standards of ethical conduct expected for members of the Del Norte Solid Waste Management Authority Board of Commissioners, commissions and committees. Public Officials themselves have the primary responsibility to assure that ethical standards are understood and met, and that the public can continue to have full confidence in the integrity of government.

The chairs of commissions and committees, have the additional responsibility to intervene when actions of members that appear to be in violation of the Code of Ethics are brought to their attention.

Public Officials entering office shall acknowledge that they have read and understood the Del Norte Solid Waste Management Authority Code of Ethics. This Code of Ethics and Conduct shall be reviewed periodically by the Board of Commissioners, commissions, and committees.

17. Compliance and Enforcement

Complaints alleging a violation of this Code of Conduct by an Authority employee or voluntary appointee who is not a Commissioner should be directed to the Authority's Director. Upon receipt of a complaint, the Authority's Director and its General Legal Counsel shall together determine a course of action. The Authority's Director and its General Legal Counsel shall, should they fail to resolve the complaint or should the complaint be of a serious nature, consult with the Chair (unless the Chair is not available, in which event they shall consult with the Vice Chair or other Commissioner, in order of seniority, as is appropriate under the circumstances) in order to determine an appropriate course of action.

Complaints alleging a violation of this Code of Conduct by an Authority Commissioner should be directed to the Authority Chair, or Vice-Chair if the Chair is the subject of the complaint. The person receiving the complaint is to work with the Authority legal counsel to investigate the allegation and recommend a course of action to the Board.

The goal of enforcement of this Code of Ethics is corrective, rather than penal and a progressive approach of curing violations is encouraged beginning with informal methods and proceeding to more formal methods, as necessary and appropriate, given the circumstances and allegations of the complaint. In appropriate circumstances, informal counseling and instruction shall be utilized to address issues before recommending sanctions. Depending on the severity of the violation, sanctions may be imposed including reprimand, formal censure, referral back to the agency appointing the member with a recommendation for removal from the appointment, loss of committee assignments, exclusion from closed sessions, travel or expense reimbursement restrictions, loss of staff support or use of Authority resources, referral to the Grand Jury or other penalties as may be applicable to the circumstances. The Board of Commissioners also may remove members of commissions and committees from office.

Prior to any sanction being taken against a Public Official, the official shall receive notice of the alleged violation and the proposed sanction. Before a sanction is imposed, the Public Official charged may request a public hearing before the Board of Commissioners and, in such case, a sanction shall not be imposed except upon a majority vote of the Board of Commissioners. The Public Official whose conduct is under scrutiny shall be disqualified from voting upon whether or not sanctions should be imposed. A public hearing need not comply with the formal rules of evidence, but shall afford the Public Official an opportunity to be heard on the proposed sanction.

18. Statement of Commitment

As a member or alternate of the Board of Commissioners of the Del Norte Solid Waste Management Authority or of an Authority board, commission, or committee, I understand and agree to uphold the Code of Ethics and Conduct for elected and appointed officials adopted by the Board of Commissioners. In recognition of this standard I will conduct myself by the following model of behavior:

- Recognize the worth of individual members and appreciate their individual talents, perspectives and contributions;
- Help create an atmosphere of respect and civility where individual members, Authority staff and the public are free to express their ideas and work to their full potential.
- Conduct my personal and public affairs with honesty, integrity, fairness and respect for others;
- Respect the dignity and privacy of individuals and organizations;
- Keep the common good as my highest purpose and focus on achieving constructive solutions for the public benefit;
- Avoid and discourage conduct which is divisive or harmful to the best interests of Del Norte Solid Waste Management Authority;
- Treat all people with whom I come in contact in the way I wish to be treated.

I affirm that I have read and that I understand, accept and support the Del Norte Solid Waste Management Authority Code of Ethics and Conduct.

Board, Commission, Committee

Position

Signature

Date

Attachment F

Del Norte Solid Waste Management Authority Organizational Chart

February 2017

Authority Board of Commissioners



Blake Inscore, Chair

Chris Howard, Vice-Chair

Jason Greenough

Lori Cowan

Public Member: Eli Naffah

Tedd Ward, M.S.
Director

Kayleen Warner
Facilities & Programs
Coordinator

Lisa Babcock
Administrative
Assistant - Solid Waste

Katherine
Brewer
Account Clerk -
Solid Waste

Refuse Site Attendants:

Rita Schmitt
Joseph Hernandez
Bonnie Smith
Haley Smith
Ron Fleshman
(vacancy)

Solid Waste
Balance Sheet
 December 31, 2016

Unaudited

ASSETS

422 010 00000	Cash Solid Waste	930,442.30
422 010 00300	Imprest Cash	3,500.00
422 010 00500	I Bank Loan Deposit Held by County	198,177.17
422 010 03200	Land	493,000.00
422 010 03300	Transfer Station	3,266,990.64
422 010 03400	Equipment	158,443.55
422 010 03410	Buildings & Improvements	141,638.89
422 010 03440	Accum Depr Equipment	(157,814.00)
422 010 03450	Accum Depr Bldg & Improv	(113,204.00)
422 010 03460	Accum Depr Transfer Station	(918,877.00)
	Total Assets	<u><u>4,002,297.55</u></u>

LIABILITIES AND FUND EQUITY

422 010 05105	Sales Tax Payable	19.45
422 010 05210	Sublease Payable	2,727,290.50
422 010 05300	Compensated Absences Payable	45,281.00
422 010 05500	Post Closure Liability	2,061,342.00
422 010 05600	Net OPEB Obligation	273,578.00
422 010 07100	Fund Balance	(1,839,805.20)
422 010 09600	Investment in Capital Assets net of related debt	578,198.00
	Revenue	1,450,780.73
	Expenditure	(1,294,386.93)
	Total Liabilities and Fund Equity	<u><u>4,002,297.55</u></u>

Del Norte Solid Waste Management Authority

A/R Aging Summary

As of February 2, 2017

	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
Affordable Home & Rental Rep.	31.69	0.00	0.00	0.00	0.00	31.69
Agricultural Commission(solid waste only)	34.57	14.40	0.00	0.00	0.00	48.97
AWI Management Corp	12.72	8.88	0.00	0.00	0.00	21.60
Babich Construction	57.61	0.00	0.00	0.00	0.00	57.61
Bart Kast Builders	41.77	0.10	0.00	0.00	0.00	41.87
Bayside Excavation	5,186.87	0.00	0.00	0.00	0.00	5,186.87
Benner Mini Storage	28.81	0.00	0.00	0.00	0.00	28.81
Borges Dairy	181.49	182.93	0.00	0.00	0.00	364.42
Brown, Hector	510.41	0.00	0.00	0.00	0.00	510.41
California Auto Image	362.99	0.00	0.00	0.00	0.00	362.99
California Dept. Parks & Rec.	1,501.68	772.84	0.00	0.00	0.00	2,274.52
Castlerock Countertop's	37.45	0.00	0.00	0.00	0.00	37.45
Certified Construction *CLOSED*	0.00	0.00	0.00	0.00	6.90	6.90
Certified Plumbing Co.*CLOSED*	0.00	0.00	0.00	0.00	12.76	12.76
Cetnar Construction Inc.	58.43	0.00	0.00	0.00	0.00	58.43
City of Crescent City.	206.39	0.00	0.00	0.00	0.00	206.39
Cornerstone Assembly of God	4.33	0.00	0.00	0.00	0.00	4.33
Crescent Ace Hardware.	266.47	0.00	0.00	0.00	0.00	266.47
Crescent City KOA	67.68	0.00	0.00	0.00	0.00	67.68
Crescent Fire Protection Dist.	8.64	0.00	0.00	0.00	0.00	8.64
Crescent Senior Estates	8.64	0.00	0.00	0.00	0.00	8.64
Del Norte Ambulance	79.61	0.00	0.00	0.00	0.00	79.61
Del Norte Realty	221.86	486.61	0.00	0.00	0.00	708.47
Del Norte Roofing	0.00	21.60	0.00	0.00	0.00	21.60
DN Unified School District	373.88	0.00	0.00	0.00	0.00	373.88
DNC Abandoned Vehicle Abatement	589.93	0.00	0.00	0.00	0.00	589.93
Driftwood Apartments LLC	163.58	0.00	0.00	0.00	0.00	163.58
Elk Valley Casino	24.49	0.00	0.00	0.00	0.00	24.49
Elk Valley Rancheria	28.17	0.00	0.00	0.00	0.00	28.17
Fashion Blacksmith	120.99	0.00	0.00	0.00	0.00	120.99
Frank's Refrigeration	113.80	0.00	0.00	0.00	0.00	113.80
G. H. Outreach	201.81	0.00	0.00	0.00	0.00	201.81
Golden State Construction	226.14	0.00	0.00	0.00	0.00	226.14
GR Construction	250.63	0.00	0.00	0.00	0.00	250.63
Green Scapes	86.69	103.01	0.00	0.00	0.00	189.70
Griffin's Furniture Outlet	255.69	243.07	0.00	0.00	0.00	498.76
Hambro/Waste Solutions Group	64.94	0.00	0.00	0.00	0.00	64.94
Hartley Construction	92.19	0.00	0.00	0.00	0.00	92.19
HASP / Jordan Recovery Centers	110.91	0.00	0.00	0.00	0.00	110.91
Hiouchi Community Fellowship	14.40	0.00	0.00	0.00	0.00	14.40
Humboldt Moving & Storage	108.00	0.00	0.00	0.00	0.00	108.00
Investment Realty	740.36	0.00	0.00	0.00	0.00	740.36
Kays, Matthew J.	22.68	0.00	0.00	0.00	0.00	22.68
Kirkland's Lawn & Yard Service	709.62	0.00	0.00	0.00	0.00	709.62
Kraft, Tom & Patti	108.03	0.00	0.00	0.00	0.00	108.03
Larson Services	38.89	30.25	17.28	0.00	0.00	86.42
Lucky 7 Casino	3.05	14.19	0.00	0.00	30.46	47.70
Madrone Court	50.42	0.00	0.00	0.00	0.00	50.42
Malloroy Construction	16.97	0.00	0.00	0.00	0.00	16.97
Mastaloudis Homes Inc.	7.20	0.00	0.00	0.00	0.00	7.20
Mountain Power Tree Co	41.30	0.00	0.00	0.00	0.00	41.30
Mow Blow and Go	71.93	0.00	0.00	0.00	0.00	71.93
Murray Construction	148.36	0.00	0.00	0.00	0.00	148.36
New Dawn Support Services	190.45	0.00	0.00	0.00	0.00	190.45
Niehoff Construction	20.17	0.00	0.00	0.00	0.00	20.17
North Woods Realty	28.51	0.00	0.00	0.00	0.00	28.51
Northcoast Marine Mammal Ctr.	63.50	0.00	0.00	0.00	0.00	63.50
Northridge Electric	25.92	0.00	0.00	0.00	0.00	25.92
Pacific Northwest Physical Therapy	0.00	15.84	15.40	0.00	0.00	31.24
PALM Industries, Inc.	25.82	0.00	0.00	0.00	0.00	25.82
Pappas Dry Wall	161.32	0.00	0.00	0.00	0.00	161.32
Parkway Feed	164.21	0.00	0.00	0.00	0.00	164.21
Peasley's Property Mang.	56.77	0.00	0.00	0.00	0.00	56.77
Pebble Beach Apartments	0.00	7.20	0.00	0.00	0.00	7.20
Pelican Bay Evangelical Free Church	17.28	0.00	0.00	0.00	0.00	17.28
Plunkett's Family Painting	24.49	0.00	0.00	0.00	0.00	24.49

Del Norte Solid Waste Management Authority
A/R Aging Summary
 As of February 2, 2017

	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
Porter's Trucking *CLOSED*	0.00	0.00	0.00	0.00	2,033.84	2,033.84
Ray's Mobile Home Service	208.83	0.00	0.00	0.00	0.00	208.83
Recology Del Norte (Franchise)	117,287.69	0.00	0.00	0.00	0.00	117,287.69
Recology Del Norte (Prison)	11,563.53	0.00	0.00	0.00	0.00	11,563.53
Recology Del Norte Fran Fees	20,591.00	0.00	0.00	0.00	0.00	20,591.00
Red Sky Roofing	9,595.68	9,937.78	0.00	0.00	0.00	19,533.46
Redwood National Park	621.84	0.00	0.00	0.00	0.00	621.84
Reservation Ranch	322.65	0.00	0.00	0.00	0.00	322.65
Richterich & Jones Const	434.38	0.00	0.00	0.00	0.00	434.38
Rick Parker Construction	275.12	0.00	0.00	0.00	0.00	275.12
Rogers, Luu T.	0.00	15.84	120.68	0.00	0.00	136.52
Roy Rook Construction	0.00	-14.40	0.00	0.00	0.00	-14.40
Rural Human Services	125.31	0.00	0.00	0.00	0.00	125.31
S.O.S. Construction	17.28	0.00	0.00	0.00	0.00	17.28
Schnacker's General Hauling	96.79	0.00	0.00	0.00	0.00	96.79
Seawood Village	2,661.84	0.00	0.00	0.00	0.00	2,661.84
Smith River Equipment	175.73	0.00	0.00	0.00	0.00	175.73
Smith River Rancheria	102.27	401.26	0.00	0.00	0.00	503.53
Spruce Haven Mobile Home Park	25.93	0.00	0.00	0.00	0.00	25.93
Stephen F White Gen.Cont. Inc.	210.55	0.00	0.00	0.00	0.00	210.55
Stone Roofing	5,502.35	0.00	0.00	0.00	0.00	5,502.35
Sutter Coast Hospital	17.28	0.00	0.00	0.00	0.00	17.28
Swanson, Ray C. Construction	108.03	0.00	0.00	0.00	0.00	108.03
Tab & Associates	388.73	0.00	0.00	0.00	0.00	388.73
Tim Haban Construction	139.71	0.00	0.00	0.00	0.00	139.71
Trees of Mystery	231.96	0.00	0.00	0.00	0.00	231.96
Van Arsdale Construction	1,191.21	1,143.67	0.00	0.00	0.00	2,334.88
Van Nocker's Cleaning	7.20	0.00	0.00	0.00	0.00	7.20
Yurok Economic Dev Corp	150.91	0.00	0.00	0.00	0.00	150.91
Yurok Indian Housing Authority	1,452.74	0.00	0.00	0.00	0.00	1,452.74
Yurok Tribe	33.73	0.00	1,326.60	0.00	0.00	1,360.33
TOTAL	188,013.87	13,385.07	1,479.96	0.00	2,083.96	204,962.86

Del Norte Solid Waste Management Authority
A/R Aging Summary
 As of January 9, 2017

	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
Affordable Home & Rental Rep.	147.49	0.00	0.00	0.00	0.00	147.49
Agricultural Commission(solid waste only)	14.40	0.00	0.00	0.00	0.00	14.40
Alexandre EcoDairy Farms	785.02	0.00	0.00	0.00	0.00	785.02
AWI Management Corp	8.88	0.00	0.00	0.00	0.00	8.88
Babich Construction	116.67	0.00	0.00	0.00	0.00	116.67
Bart Kast Builders	364.42	0.00	0.00	0.00	0.00	364.42
Benner Mini Storage	65.94	0.00	0.00	0.00	0.00	65.94
Borges Dairy	182.93	151.24	463.80	0.00	0.00	797.97
Brown, Hector	694.86	0.00	0.00	0.00	0.00	694.86
Cal-Ore LIFE FLIGHT	60.49	0.00	0.00	0.00	0.00	60.49
California Auto Image	296.72	0.00	0.00	0.00	0.00	296.72
California Dept. Parks & Rec.	772.84	0.00	0.00	0.00	0.00	772.84
Castlerock Countertop's	23.05	0.00	0.00	0.00	0.00	23.05
Certified Construction *CLOSED*	0.00	0.00	0.00	0.00	6.90	6.90
Certified Plumbing Co.*CLOSED*	0.00	0.00	0.00	0.00	12.76	12.76
Cetnar Construction Inc.	0.00	0.00	7.20	0.00	0.00	7.20
Chimney Kraft	15.84	0.00	0.00	0.00	0.00	15.84
City of Crescent City.	12.04	0.00	0.00	0.00	0.00	12.04
College of the Redwoods	22.68	0.00	0.00	0.00	0.00	22.68
Cornerstone Assembly of God	27.36	40.33	10.08	0.00	0.00	77.77
Crescent Ace Hardware.	774.93	0.00	0.00	0.00	0.00	774.93
Crescent City KOA	47.53	0.00	0.00	0.00	0.00	47.53
Crescent Electric	373.63	0.00	0.00	0.00	0.00	373.63
Crescent Fire Protection Dist.	8.64	0.00	0.00	0.00	0.00	8.64
Del Norte Office Supply.	57.62	0.00	0.00	0.00	0.00	57.62
Del Norte Realty	486.61	0.00	0.00	0.00	0.00	486.61
Del Norte Roofing	21.60	0.00	0.00	0.00	0.00	21.60
Del Norte Triplicate/WesternCom	0.00	0.00	0.00	59.06	0.00	59.06
DN Unified School District	348.37	0.00	0.00	0.00	0.00	348.37
DNC Abandoned Vehicle Abatement	1,366.94	0.00	0.00	0.00	0.00	1,366.94
Elk Valley Casino	2.88	0.00	0.00	0.00	0.00	2.88
Elk Valley Rancheria	0.00	14.40	0.00	0.00	0.00	14.40
Elk Valley Storage	0.00	0.00	20.17	0.00	0.00	20.17
Fashion Blacksmith	7.20	0.00	0.00	0.00	0.00	7.20
G. H. Outreach	254.92	0.00	0.00	0.00	0.00	254.92
Gasquet Mobile Home Park	93.63	0.00	0.00	0.00	0.00	93.63
Golden State Construction	351.46	0.00	0.00	0.00	0.00	351.46
GR Construction	145.48	128.19	195.90	0.00	0.00	469.57
Green Scapes	103.01	0.00	0.00	0.00	0.00	103.01
Griffin's Furniture Outlet	243.07	0.00	0.00	0.00	0.00	243.07
Hambro/Waste Solutions Group	18.21	0.00	0.00	0.00	0.00	18.21
HASP / Jordan Recovery Centers	80.66	0.00	0.00	0.00	0.00	80.66
Hemmingsen Contracting Company	227.59	0.00	0.00	0.00	0.00	227.59
Hiouchi Community Fellowship	25.92	0.00	0.00	0.00	0.00	25.92
Humane Society Of Del Norte	0.00	39.01	0.00	0.00	0.00	39.01
Investment Realty	934.85	0.00	0.00	0.00	0.00	934.85
Kirkland's Lawn & Yard Service	51.65	0.00	0.00	0.00	0.00	51.65
Kraft, Tom & Patti	131.07	0.00	0.00	0.00	0.00	131.07
Larson Services	30.25	17.28	0.00	0.00	0.00	47.53
Lucky 7 Casino	14.19	0.00	0.00	30.46	0.00	44.65
Madrone Court	12.12	0.00	0.00	0.00	0.00	12.12
Malloroy Construction	85.09	0.00	0.00	0.00	0.00	85.09
Mastaloudis Homes Inc.	24.48	0.00	0.00	0.00	0.00	24.48
McCullough Construction, Inc.	11.52	0.00	1,928.71	0.00	0.00	1,940.23
Mountain Power Tree Co	14.13	0.00	0.00	0.00	0.00	14.13
Mow Blow and Go	76.39	0.00	0.00	0.00	0.00	76.39
Murray Construction	25.92	0.00	0.00	0.00	0.00	25.92
New Dawn Support Services	105.49	0.00	0.00	0.00	0.00	105.49
Niehoff Construction	15.84	0.00	0.00	0.00	0.00	15.84
North Coast Properties	10.08	43.21	0.00	0.00	0.00	53.29
North Woods Realty	24.48	0.00	0.00	0.00	0.00	24.48
Northridge Electric	129.91	0.00	0.00	0.00	0.00	129.91
Pacific Northwest Physical Therapy	15.84	15.40	0.00	0.00	0.00	31.24
Pappas Dry Wall	69.14	0.00	0.00	0.00	0.00	69.14
Parkway Feed	69.14	0.00	0.00	0.00	0.00	69.14
Peasley's Property Mang.	73.46	0.00	0.00	0.00	0.00	73.46

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Del Norte Solid Waste Management Authority
A/R Aging Summary
As of January 9, 2017

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>> 90</u>	<u>TOTAL</u>
Pebble Beach Apartments	7.20	0.00	0.00	0.00	0.00	7.20
Plunkett's Family Painting	41.77	0.00	0.00	0.00	0.00	41.77
Porter's Trucking *CLOSED*	0.00	0.00	0.00	0.00	2,033.84	2,033.84
Ray's Mobile Home Service	108.03	0.00	0.00	0.00	0.00	108.03
Recology Del Norte (Franchise)	112,276.93	0.00	0.00	0.00	0.00	112,276.93
Recology Del Norte (Prison)	12,326.95	0.00	0.00	0.00	0.00	12,326.95
Red Sky Roofing	9,937.78	11,017.62	0.00	0.00	0.00	20,955.40
Redwood National Park	900.99	0.00	0.00	0.00	0.00	900.99
Reservation Ranch	1,088.94	0.00	0.00	0.00	0.00	1,088.94
Richterich & Jones Const	288.08	0.00	0.00	0.00	0.00	288.08
Rick Parker Construction	197.33	0.00	0.00	0.00	0.00	197.33
Rogers, Luu T.	15.84	120.68	0.00	0.00	0.00	136.52
Roy Rook Construction	0.00	-87.86	0.00	0.00	0.00	-87.86
Rumiano Cheese Company	15.84	0.00	0.00	0.00	0.00	15.84
S.O.S. Construction	25.93	0.00	0.00	0.00	0.00	25.93
Seawood Village	2,537.15	5.00	0.00	0.00	0.00	2,542.15
Smith River Equipment	0.00	78.86	0.00	0.00	0.00	78.86
Smith River Rancheria	401.26	0.00	0.00	0.00	0.00	401.26
Spruce Haven Mobile Home Park	190.12	0.00	0.00	0.00	0.00	190.12
Stephen F White Gen.Cont. Inc.	37.42	31.69	11.65	0.00	0.00	80.76
Stone Roofing	4,978.05	0.00	0.00	0.00	0.00	4,978.05
Swanson, Ray C. Construction	69.14	0.00	0.00	0.00	0.00	69.14
Tab & Associates	571.50	0.00	0.00	0.00	0.00	571.50
Tim Haban Construction	159.89	0.00	0.00	0.00	0.00	159.89
Van Arsdale Construction	1,143.67	0.00	0.00	0.00	0.00	1,143.67
Van Nocker's Cleaning	21.60	0.00	0.00	0.00	0.00	21.60
Winn's Maintance Service	9.53	0.00	0.00	0.00	0.00	9.53
Yurok Economic Dev Corp	77.27	0.00	0.00	0.00	0.00	77.27
Yurok Indian Housing Authority	53.47	0.00	0.00	0.00	0.00	53.47
Yurok Tribe	264.27	1,326.60	0.00	0.00	0.00	1,590.87
TOTAL	158,322.52	12,941.65	2,637.51	89.52	2,053.50	176,044.70

Statement of Revenues and Expenditures

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Fund: 422 Solid Waste
 Dept: 421 Solid Waste

Statement of Month Ended: 12/31/2016

Line	Proj	Description	Month Actual	YTD Actual	YTD Budget	YTD Variance	% Exp
Revenues							
90153		Franchise Fees	21,921.00	115,845.00	256,520.00	-140,675.00	45.2
90300		Interest - Solid Waste	0.00	2,272.49	2,272.00	0.49	100.0
90301		Late Payment Fee	0.00	7.55	0.00	7.55	0
90650	062	Oil Grant 15/16	0.00	0.00	787.00	-787.00	0
90650	063	Oil Grant 08/09	0.00	0.00	15,000.00	-15,000.00	0
90650	066	DOC Grant 16/17	0.00	0.00	15,000.00	-15,000.00	0
90650	070	USFS Cleanup Grant	656.04	656.04	32,295.00	-31,638.96	2.0
90650	079	DOC Grant 15/16	15,000.00	15,000.00	13,524.00	1,476.00	110.9
91003		Gate Tipping Fees	147,464.40	848,883.17	1,850,379.00	-1,001,495.83	45.9
91004		Authority Service Fees	77,844.99	460,937.35	1,018,136.00	-557,198.65	45.3
91121		Misc Reimbursements	0.00	7,054.13	7,194.00	-139.87	98.1
91121	123	Bad Check Fee Reimb	25.00	125.00	100.00	25.00	125.0
Total Revenues			262,911.43	1,450,780.73	3,211,207.00	-1,760,426.27	45.18
Expenditures							
10010		Payroll	-20,151.69	-128,235.13	-332,728.00	204,492.87	38.5
10010	070	Payroll - USFS Cleanup Grant	0.00	0.00	-6,600.00	6,600.00	0
10012		Overtime	0.00	-333.51	-1,000.00	666.49	33.4
10015		Part-time/Temp	-1,948.97	-22,895.60	-32,922.00	10,026.40	69.5
10020		Retirement	-5,670.42	-35,693.89	-81,628.00	45,934.11	43.7
10030		Employee Benefits	0.00	-45,851.71	-108,927.00	63,075.29	42.1
10033		Employee Life Insurance	-18.00	-114.00	-331.00	217.00	34.4
10035		Management Life Insurance	-40.91	-238.91	-501.00	262.09	47.7
10040		Worker's Compensation	0.00	-16,567.50	-37,352.00	20,784.50	44.4
Total Salaries & Benefits			27,829.99	249,930.25	601,989.00	352,058.75	41.52
20110		Clothing	-117.04	-412.80	-1,000.00	587.20	41.3
20121		Communications	-482.08	-1,700.62	-3,000.00	1,299.38	56.7
20140		Household Expense	-1,251.48	-3,151.35	-5,200.00	2,048.65	60.6
20150		Insurance-Office	0.00	0.00	-3,600.00	3,600.00	0
20152		Vehicle Insurance	0.00	-2,085.76	-3,000.00	914.24	69.5
20155		Liability Insurance	-342.59	-930.09	-2,350.00	1,419.91	39.6
20170		Maintenance-Equipment	0.00	0.00	-350.00	350.00	0
20171		Maintenance-Vehicles	-21.53	-1,023.24	-1,300.00	276.76	78.7
20175		Maintenance-Computers	-43.09	-888.82	-2,000.00	1,111.18	44.4
20180		Maint-Structures/Improvements & TS Maint	0.00	-1,348.62	-2,400.00	1,051.38	56.2
20200		Memberships	0.00	-7,000.00	-7,600.00	600.00	92.1
20221		Printing	-132.29	-290.90	-1,115.00	824.10	26.1
20221	062	Printing-Oil Grant 15/16	0.00	0.00	-500.00	500.00	0
20221	063	Printing - Oil Grant 08/09	0.00	0.00	-500.00	500.00	0
20221	066	Printing - DOC Grant 08/09	0.00	0.00	-3,000.00	3,000.00	0
20221	079	Printing - DOC Grant 15/16	0.00	-546.00	-3,000.00	2,454.00	18.2
20223		Postage	-56.52	-365.23	-1,000.00	634.77	36.5
20224		Office Supplies	-1,547.13	-3,370.25	-5,514.00	2,143.75	61.1
20227		Books/Subscriptions	0.00	0.00	-175.00	175.00	0

Statement of Revenues and Expenditures

Printed on: 1/19/2017 4:58:40 PM

Fund: 422 Solid Waste
 Dept: 421 Solid Waste

Statement of Month Ended: 12/31/2016

Line	Proj	Description	Month Actual	YTD Actual	YTD Budget	YTD Variance	% Exp
20230		Prof Serv-Co/City	-37.62	-187.02	-5,970.00	5,782.98	3.1
20231		Prof Serv	-1,385.00	-5,979.75	-8,000.00	2,020.25	74.7
20231	070	Professional Services - USFS Cleanup Gra	0.00	0.00	-8,400.00	8,400.00	0
20232		Prof Svcs-Well Monitoring	0.00	-9,119.00	-30,000.00	20,881.00	30.4
20232	002	Data Processing - Software	-62.00	-2,534.00	-3,000.00	466.00	84.5
20233		Audit	-6,300.00	-6,300.00	-9,000.00	2,700.00	70.0
20234		Legal Counsel	-1,168.50	-4,755.06	-9,000.00	4,244.94	52.8
20235		Treasurer	-620.00	-2,120.00	-7,000.00	4,880.00	30.3
20236		Security	-72.00	-144.00	-800.00	656.00	18.0
20237		Credit Card Service Fees	-1,243.19	-7,902.77	-12,500.00	4,597.23	63.2
20238		TS Collection	-1,861.60	-13,091.79	-26,000.00	12,908.21	50.4
20239		Transfer Station Operations	-153,717.45	-692,556.49	-1,891,227.00	1,198,670.51	36.6
20239	001	Post Closure Maintenance	0.00	-5,414.41	-7,500.00	2,085.59	72.2
20240		Advertising/Publications	0.00	-574.10	-3,800.00	3,225.90	15.1
20240	062	Advertising-Oil Grant 15/16	0.00	-379.00	-1,185.00	806.00	32.0
20240	063	Advertising - Oil Grant 08/09	0.00	0.00	-3,000.00	3,000.00	0
20240	066	Advertising - DOC Grant 08/09	0.00	0.00	-2,000.00	2,000.00	0
20240	079	Advertising - DOC Grant 15/16	0.00	-228.00	-2,965.00	2,737.00	7.7
20250		Lease of Equipment	-284.70	-1,246.80	-2,330.00	1,083.20	53.5
20250	070	Lease of Equipment - USFS Cleanup Grant	0.00	0.00	-2,500.00	2,500.00	0
20251		Lease - Gasquet Transfer Station	-669.33	-669.33	-675.00	5.67	99.2
20270		Minor Equipment	0.00	0.00	-1,000.00	1,000.00	0
20275		Small Tools	0.00	-105.60	-750.00	644.40	14.1
20275	070	Small Tools - USFS Cleanup Grant	0.00	0.00	-2,395.00	2,395.00	0
20280		Delivery Service	0.00	-469.18	-820.00	350.82	57.2
20281		Household Hazardous Waste Event	-27,600.00	-28,998.00	-32,000.00	3,002.00	90.6
20283		Community Clean-up	-455.26	-1,821.04	-5,500.00	3,678.96	33.1
20283	070	Community Cleanup - USFS Cleanup Grant	0.00	0.00	-8,000.00	8,000.00	0
20285		Special Dept Expense	-125.00	-1,230.83	-2,300.00	1,069.17	53.5
20285	062	Spec Dept Exp-Oil Grant 15/16	0.00	0.00	-4,602.00	4,602.00	0
20285	063	Spec Dept Exp - Oil Grant 08/09	0.00	0.00	-6,500.00	6,500.00	0
20285	065	Spec Dept Exp - DOC 14/15	0.00	-371.87	-372.00	0.13	100.0
20285	066	Spec Dept Exp - DOC Grant 08/09	0.00	0.00	-4,500.00	4,500.00	0
20285	079	Special Dept Exp - DOC Grant 15/16	0.00	-375.00	-4,128.00	3,753.00	9.1
20286		Cash Over/Under	2.74	141.11	-175.00	316.11	-80.6
20287	070	Recology Del Norte Other Pickups - USFS	0.00	0.00	-4,000.00	4,000.00	0
20288		City Collections	-399.55	-6,558.36	-16,500.00	9,941.64	39.7
20290		Travel	0.00	-1,121.00	-3,000.00	1,879.00	37.4
20290	062	Travel-Oil Grant - 15/16	-45.00	-863.89	-2,500.00	1,636.11	34.6
20290	063	Travel	0.00	0.00	-2,500.00	2,500.00	0
20290	066	Travel and Training - DOC Grant 08/09	0.00	0.00	-4,500.00	4,500.00	0
20290	070	Travel - USFS Cleanup Grant	0.00	0.00	-400.00	400.00	0
20290	079	Travel - DOC Grant 15/16	0.00	-1,475.34	-3,059.00	1,583.66	48.2
20297		Vehicle Fuel	-52.74	-365.58	-1,500.00	1,134.42	24.4
20301		State Fees	-30,625.00	-30,625.00	-38,028.00	7,403.00	80.5

Statement of Revenues and Expenditures

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Fund: 422 Solid Waste
 Dept: 421 Solid Waste

Statement of Month Ended: 12/31/2016

Line	Proj	Description	Month Actual	YTD Actual	YTD Budget	YTD Variance	% Exp
Total Services & Supplies			230,714.95	850,554.78	2,232,485.00	1,381,930.22	38.10
30490		Depreciation Expense	0.00	0.00	-96,500.00	96,500.00	0
Total Other Charges			0.00	0.00	96,500.00	96,500.00	0.00
70530	025	Interfund-Repayment to County	0.00	-160,177.90	-202,272.00	42,094.10	79.2
70530	199	Interfund-Cost Plan	-5,604.00	-33,624.00	-63,836.00	30,212.00	52.7
70800		ARC Payment OPEB	0.00	0.00	-11,125.00	11,125.00	0
70910	123	Op Trans Out Bad Check Fee	0.00	-100.00	0.00	-100.00	0
Total Intra/Inter Fund Tranfers			5,604.00	193,901.90	277,233.00	83,331.10	69.94
81000		Contingency	0.00	0.00	-3,000.00	3,000.00	0
Total Other Charges			0.00	0.00	3,000.00	3,000.00	0.00
Total Expenditures			264,148.94	1,294,386.93	3,211,207.00	1,916,820.07	40.31
Net Cost			-1,237.51	156,393.80	0.00	156,393.80	

Solid Waste
Balance Sheet
November 30, 2016

Unaudited

ASSETS

422 010 00000	Cash Solid Waste	931,660.36
422 010 00300	Imprest Cash	3,500.00
422 010 00500	I Bank Loan Deposit Held by County	198,177.17
422 010 03200	Land	493,000.00
422 010 03300	Transfer Station	3,266,990.64
422 010 03400	Equipment	158,443.55
422 010 03410	Buildings & Improvements	141,638.89
422 010 03440	Accum Depr Equipment	(157,814.00)
422 010 03450	Accum Depr Bldg & Improv	(113,204.00)
422 010 03460	Accum Depr Transfer Station	(918,877.00)
	Total Assets	<u><u>4,003,515.61</u></u>

LIABILITIES AND FUND EQUITY

422 010 05210	Sublease Payable	2,727,290.50
422 010 05300	Compensated Absences Payable	45,281.00
422 010 05500	Post Closure Liability	2,061,342.00
422 010 05600	Net OPEB Obligation	273,578.00
422 010 07100	Fund Balance	(1,839,805.20)
422 010 09600	Investment in Capital Assets net of related debt	578,198.00
	Revenue	1,187,869.30
	Expenditure	(1,030,237.99)
	Total Liabilities and Fund Equity	<u><u>4,003,515.61</u></u>

Statement of Revenues and Expenditures

Printed on: 1/23/2017 10:55:31 AM

Fund: 422 Solid Waste
Dept: 421 Solid Waste

Statement of Month Ended: 12/31/2016

Line	Proj	Description	Month Actual	YTD Actual	YTD Budget	YTD Variance	% Exp
Revenues							
90153		Franchise Fees	21,921.00	115,845.00	256,520.00	-140,675.00	45.2
90300		Interest - Solid Waste	0.00	2,272.49	2,272.00	0.49	100.0
90301		Late Payment Fee	0.00	7.55	0.00	7.55	0
90650	062	Oil Grant 15/16	0.00	0.00	787.00	-787.00	0
90650	063	Oil Grant 08/09	0.00	0.00	15,000.00	-15,000.00	0
90650	066	DOC Grant 16/17	0.00	0.00	15,000.00	-15,000.00	0
90650	070	USFS Cleanup Grant	656.04	656.04	32,295.00	-31,638.96	2.0
90650	079	DOC Grant 15/16	15,000.00	15,000.00	13,524.00	1,476.00	110.9
91003		Gate Tipping Fees	147,464.40	848,883.17	1,850,379.00	-1,001,495.83	45.9
91004		Authority Service Fees	77,844.99	460,937.35	1,018,136.00	-557,198.65	45.3
91121		Misc Reimbursements	0.00	7,054.13	7,194.00	-139.87	98.1
91121	123	Bad Check Fee Reimb	25.00	125.00	100.00	25.00	125.0
Total Revenues			262,911.43	1,450,780.73	3,211,207.00	-1,760,426.27	45.18
Expenditures							
10010		Payroll	-20,151.69	-128,235.13	-332,728.00	204,492.87	38.5
10010	070	Payroll - USFS Cleanup Grant	0.00	0.00	-6,600.00	6,600.00	0
10012		Overtime	0.00	-333.51	-1,000.00	666.49	33.4
10015		Part-time/Temp	-1,948.97	-22,895.60	-32,922.00	10,026.40	69.5
10020		Retirement	-5,670.42	-35,693.89	-81,628.00	45,934.11	43.7
10030		Employee Benefits	0.00	-45,851.71	-108,927.00	63,075.29	42.1
10033		Employee Life Insurance	-18.00	-114.00	-331.00	217.00	34.4
10035		Management Life Insurance	-40.91	-238.91	-501.00	262.09	47.7
10040		Worker's Compensation	0.00	-16,567.50	-37,352.00	20,784.50	44.4
Total Salaries & Benefits			27,829.99	249,930.25	601,989.00	352,058.75	41.52
20110		Clothing	-117.04	-412.80	-1,000.00	587.20	41.3
20121		Communications	-482.08	-1,700.62	-3,000.00	1,299.38	56.7
20140		Household Expense	-1,251.48	-3,151.35	-5,200.00	2,048.65	60.6
20150		Insurance-Office	0.00	0.00	-3,600.00	3,600.00	0
20152		Vehicle Insurance	0.00	-2,085.76	-3,000.00	914.24	69.5
20155		Liability Insurance	-342.59	-930.09	-2,350.00	1,419.91	39.6
20170		Maintenance-Equipment	0.00	0.00	-350.00	350.00	0
20171		Maintenance-Vehicles	-21.53	-1,023.24	-1,300.00	276.76	78.7
20175		Maintenance-Computers	-43.09	-888.82	-2,000.00	1,111.18	44.4
20180		Maint-Structures/Improvements & TS Maint	0.00	-1,348.62	-2,400.00	1,051.38	56.2
20200		Memberships	0.00	-7,000.00	-7,600.00	600.00	92.1
20221		Printing	-132.29	-290.90	-1,115.00	824.10	26.1
20221	062	Printing-Oil Grant 15/16	0.00	0.00	-500.00	500.00	0
20221	063	Printing - Oil Grant 08/09	0.00	0.00	-500.00	500.00	0
20221	066	Printing - DOC Grant 08/09	0.00	0.00	-3,000.00	3,000.00	0
20221	079	Printing - DOC Grant 15/16	0.00	-546.00	-3,000.00	2,454.00	18.2
20223		Postage	-56.52	-365.23	-1,000.00	634.77	36.5
20224		Office Supplies	-1,547.13	-3,370.25	-5,514.00	2,143.75	61.1
20227		Books/Subscriptions	0.00	0.00	-175.00	175.00	0

Statement of Revenues and Expenditures

Printed on: 1/23/2017 10:55:31 AM

Fund: 422 Solid Waste
 Dept: 421 Solid Waste

Statement of Month Ended: 12/31/2016

Line	Proj	Description	Month Actual	YTD Actual	YTD Budget	YTD Variance	% Exp
20230		Prof Serv-Co/City	-37.62	-187.02	-5,970.00	5,782.98	3.1
20231		Prof Serv	-1,385.00	-5,979.75	-8,000.00	2,020.25	74.7
20231	070	Professional Services - USFS Cleanup Gra	0.00	0.00	-8,400.00	8,400.00	0
20232		Prof Svcs-Well Monitoring	0.00	-9,119.00	-30,000.00	20,881.00	30.4
20232	002	Data Processing - Software	-62.00	-2,534.00	-3,000.00	466.00	84.5
20233		Audit	-6,300.00	-6,300.00	-9,000.00	2,700.00	70.0
20234		Legal Counsel	-1,168.50	-4,755.06	-9,000.00	4,244.94	52.8
20235		Treasurer	-620.00	-2,120.00	-7,000.00	4,880.00	30.3
20236		Security	-72.00	-144.00	-800.00	656.00	18.0
20237		Credit Card Service Fees	-1,243.19	-7,902.77	-12,500.00	4,597.23	63.2
20238		TS Collection	-1,861.60	-13,091.79	-26,000.00	12,908.21	50.4
20239		Transfer Station Operations	-153,717.45	-692,556.49	-1,891,227.00	1,198,670.51	36.6
20239	001	Post Closure Maintenance	0.00	-5,414.41	-7,500.00	2,085.59	72.2
20240		Advertising/Publications	0.00	-574.10	-3,800.00	3,225.90	15.1
20240	062	Advertising-Oil Grant 15/16	0.00	-379.00	-1,185.00	806.00	32.0
20240	063	Advertising - Oil Grant 08/09	0.00	0.00	-3,000.00	3,000.00	0
20240	066	Advertising - DOC Grant 08/09	0.00	0.00	-2,000.00	2,000.00	0
20240	079	Advertising - DOC Grant 15/16	0.00	-228.00	-2,965.00	2,737.00	7.7
20250		Lease of Equipment	-284.70	-1,246.80	-2,330.00	1,083.20	53.5
20250	070	Lease of Equipment - USFS Cleanup Grant	0.00	0.00	-2,500.00	2,500.00	0
20251		Lease - Gasquet Transfer Station	-669.33	-669.33	-675.00	5.67	99.2
20270		Minor Equipment	0.00	0.00	-1,000.00	1,000.00	0
20275		Small Tools	0.00	-105.60	-750.00	644.40	14.1
20275	070	Small Tools - USFS Cleanup Grant	0.00	0.00	-2,395.00	2,395.00	0
20280		Delivery Service	0.00	-469.18	-820.00	350.82	57.2
20281		Household Hazardous Waste Event	-27,600.00	-28,998.00	-32,000.00	3,002.00	90.6
20283		Community Clean-up	-455.26	-1,821.04	-5,500.00	3,678.96	33.1
20283	070	Community Cleanup - USFS Cleanup Grant	0.00	0.00	-8,000.00	8,000.00	0
20285		Special Dept Expense	-125.00	-1,230.83	-2,300.00	1,069.17	53.5
20285	062	Spec Dept Exp-Oil Grant 15/16	0.00	0.00	-4,602.00	4,602.00	0
20285	063	Spec Dept Exp - Oil Grant 08/09	0.00	0.00	-6,500.00	6,500.00	0
20285	065	Spec Dept Exp - DOC 14/15	0.00	-371.87	-372.00	0.13	100.0
20285	066	Spec Dept Exp - DOC Grant 08/09	0.00	0.00	-4,500.00	4,500.00	0
20285	079	Special Dept Exp - DOC Grant 15/16	0.00	-375.00	-4,128.00	3,753.00	9.1
20286		Cash Over/Under	2.74	141.11	-175.00	316.11	-80.6
20287	070	Recology Del Norte Other Pickups - USFS	0.00	0.00	-4,000.00	4,000.00	0
20288		City Collections	-399.55	-6,558.36	-16,500.00	9,941.64	39.7
20290		Travel	0.00	-1,121.00	-3,000.00	1,879.00	37.4
20290	062	Travel-Oil Grant - 15/16	-45.00	-863.89	-2,500.00	1,636.11	34.6
20290	063	Travel	0.00	0.00	-2,500.00	2,500.00	0
20290	066	Travel and Training - DOC Grant 08/09	0.00	0.00	-4,500.00	4,500.00	0
20290	070	Travel - USFS Cleanup Grant	0.00	0.00	-400.00	400.00	0
20290	079	Travel - DOC Grant 15/16	0.00	-1,475.34	-3,059.00	1,583.66	48.2
20297		Vehicle Fuel	-52.74	-365.58	-1,500.00	1,134.42	24.4
20301		State Fees	-30,625.00	-30,625.00	-38,028.00	7,403.00	80.5

Statement of Revenues and Expenditures

Printed on: 1/23/2017 10:55:31 AM

Fund: 422 Solid Waste
 Dept: 421 Solid Waste

Statement of Month Ended: 12/31/2016

Line	Proj	Description	Month Actual	YTD Actual	YTD Budget	YTD Variance	% Exp
Total Services & Supplies			230,714.95	850,554.78	2,232,485.00	1,381,930.22	38.10
30490		Depreciation Expense	0.00	0.00	-96,500.00	96,500.00	0
Total Other Charges			0.00	0.00	96,500.00	96,500.00	0.00
70530	025	Interfund-Repayment to County	0.00	-160,177.90	-202,272.00	42,094.10	79.2
70530	199	Interfund-Cost Plan	-5,604.00	-33,624.00	-63,836.00	30,212.00	52.7
70800		ARC Payment OPEB	0.00	0.00	-11,125.00	11,125.00	0
70910	123	Op Trans Out Bad Check Fee	0.00	-100.00	0.00	-100.00	0
Total Intra/Inter Fund Transfers			5,604.00	193,901.90	277,233.00	83,331.10	69.94
81000		Contingency	0.00	0.00	-3,000.00	3,000.00	0
Total Other Charges			0.00	0.00	3,000.00	3,000.00	0.00
Total Expenditures			264,148.94	1,294,386.93	3,211,207.00	1,916,820.07	40.31
Net Cost			-1,237.51	156,393.80	0.00	156,393.80	

CLAIMS APPROVED BY THE DIRECTOR

Del Norte Solid Waste Management Authority

Claims for January 2017

<i>Date Paid</i>	<i>Paid to:</i>	<i>Budget</i>	<i>Amt. Paid</i>	<i>Description</i>
1/12/2017	Crescent Ace Hardware	20239-001	\$ 356.53	Landfill Maintenance
1/12/2017	Curry Transfer-Roto Rooter	20140	\$ 320.36	KTS and GTS Porta Potty - December 2016
1/12/2017	G H Outreach	20285	\$ 175.00	December Recycling County/City
1/12/2017	HAMBRO WSG	20239	\$ 153,846.98	Material Management December 2016
1/12/2017	Patel & Associates, LLP	20233	\$ 3,150.00	Final Billing 2014/2015 FYE Audit
1/12/2017	Quill	20224	\$ 581.58	3-part Receipt Books KTS & GTS
1/12/2017	Recology Del Norte	20238	\$ 1,116.96	Klamath Beach Rd December 2016
	Recology Del Norte	20238	\$ 186.16	Gasquet Toll Rd December 2016
1/12/2017	Recology Del Norte	20288	\$ 251.20	900 Tenth ST - City yard
	Recology Del Norte	20283	\$ 455.26	500 Cooper Ave - County yard
	Recology Del Norte	20288	\$ 802.89	1001 Front ST - Cultural Center
1/12/2017	State Water Resources Control Board	20301	\$ 200.00	Annual Permit Fees 10/16-09/17
1/12/2017	Richard Taylor	20235	\$ 400.00	Treasurer Controller Services December 2016
1/12/2017	U S Bank Corp	20140	\$ 51.69	Home Depot/Household supplies
1/12/2017	Katherine Brewer	20290	\$ 47.52	Mileage Reimb 08/25 - 12/28 2016
1/12/2017	Ronald Fleshman	20290	\$ 194.40	Mileage Reimb 10/12 - 11/30 2016
1/19/2017	Del Norte County	70530-25	\$ 41,719.34	Sub Lease Rental Payment
1/24/2017	Crescent Ace Hardware	20224	\$ 82.70	INV 645018 Office Supplies
1/24/2017	Steven Williams Design	20231	\$ 300.00	INV 0046 Website Design
1/24/2017	Charter Spectrum Business	20121	\$ 119.97	Act# 875219 0200448571 01/19-02/18 2017
1/24/2017	U.S. Cellular	20121	\$ 93.07	INV 0172223646 01/04-02/03 2017
1/24/2017	Crescent Hay & Feed	20140	\$ 9.70	Receipt # 199387 straw for con-ex
1/24/2017	Recology Del Norte	20283	\$ 455.26	INV 05009592 500 Cooper Ave-County Yard
	Recology Del Norte	20288	\$ 251.20	INV 05009600 900 Tenth ST - City Yard
	Recology Del Norte	20288	\$ 802.89	INV 05009576 1001 Front ST-Cultural Center
1/31/2017	Quill	20224	\$ 148.48	INV 3626502 Paper supplies, office supplies
	Quill	20224	\$ 233.26	INV 3683175 Canon gpr-40 black toner
1/31/2017	Mission Linen Service	20140	\$ 30.86	INV 504046635 Linen service 01/03/17
	Mission Linen Service	20140	\$ 30.86	INV 504139818 Linen service 01/17/17
	Mission Linen Service	20140	\$ 30.86	INV 504222632 Linen service 01/31/17
1/31/2017	Canon Financial Services, Inc	20221	\$ 34.26	INV 16920622 Printing for December 2016
	Canon Financial Services, Inc	20250	\$ 142.02	INV 16920622 Contract Rental Fees January 2017
1/31/2017	US Bank	20140	\$ 11.61	Suburban Propane-Generator fuel-KTS & GTS
	US Bank	20239-001	\$ 49.95	Crescent City hay & Feed-Seed for Landfill Maint
	TOTAL		\$ 206,682.82	

2.3

CLAIMS APPROVED BY THE DIRECTOR

Del Norte Solid Waste Management Authority
 Claims for December 2016

<i>Date Paid</i>	<i>Paid to:</i>	<i>Budget</i>	<i>Amt. Paid</i>	<i>Description</i>
12/1/2016	Richard D. Taylor	20235	\$ 620.00	Statement Treasurer/Controller November 2016
12/5/2016	G. H. Outreach	20285	\$ 125.00	INV 068200 November County recycling service
12/5/2016	Curry Transfer Roto-Rooter	20140	\$ 160.18	INV 65774472 Gasquet TS Porta Potty
	Curry Transfer Roto-Rooter	20140	\$ 160.18	INV 65774473 Klamath TS Porta Potty
12/5/2016	US Bank Corp	20232-002	\$ 62.00	Rcpt # RCD8762641 Software
	US Bank Corp	20290-062	\$ 45.00	Convension parking November-Tedd Ward
	US Bank Corp	20171	\$ 21.53	Baxters Auto Wiper blades-Toyota 4Runner
	US Bank Corp	20224	\$ 250.97	Order # 627973-Office Mats
	US Bank Corp	20110	\$ 88.50	INV 110185223 - Rain Coats
12/7/2016	Hambro WSG	20239	\$ 159,642.03	INV 2016-11 November materials management
12/8/2016	State Water Resources Control Board (SWRCB)	20301	\$ 30,625.00	INV WD-0116736 Index # 281370 Old Mill RD
12/12/2016	Recology Del Norte	20238	\$ 558.48	INV 1483 Old Gasquet Toll Rd 11/16 bin service
	Recology Del Norte	20238	\$ 1,303.12	INV 1484 Klamath Beach Rd 11/16 bin service
12/12/2016	Lawrence & Associates	20231	\$ 1,385.00	INV 23988 proj #015063.00 10/16 billing
12/12/2016	Quill	20224	\$ (1.61)	credit memo #652578 credit against inv #2329746
	Quill	20224	\$ 302.51	INV #2412807 office supplies
	Quill	20110	\$ 28.54	INV #2384706 Clothing Back Belt
	Quill	20224	\$ 4.29	INV #2334336 Office Supplies
	Quill	20224	\$ 165.33	INV #2329746 Office Supplies
12/12/2016	Black & Rice, LLP	20234	\$ 1,168.50	Statement Legal Services November 2016
12/20/2016	Charter Spectrum Business	20121	\$ 119.97	acct # 8752 19 020 0448571 12/19/16-01/18/17
12/20/2016	U.S. Cellular	20121	\$ 92.40	acct # 656873814 12/04/16-01/03/17
12/20/2016	Hi-Tech Security	20236	\$ 72.00	INV 16-120087 Comm Security Monitoring 01-03/17
12/20/2016	Canon Financial Services, Inc.	20221	\$ 40.13	INV 16816691 Printing November 2016
	Canon Financial Services, Inc.	20250	\$ 142.35	INV 16816691 Lease payment December 2016
12/20/2016	Crescent Ace Hardware	20175	\$ 43.09	INV 640561 Computer cable for gate
	Crescent Ace Hardware	20140	\$ 2.79	INV 641122 Key copy
12/20/2016	Mission Linen Supply	20140	\$ 30.86	INV 503861204 12/06 Linen service
	Mission Linen Supply	20140	\$ 30.86	INV 503958881 12/20 Linen service
	TOTAL		\$ 197,289.00	

DNSWMA
GRAND TOTALS
JANUARY 2017

	Amount to 422-421 91003	Amount to 422-421 91004	TOTAL AMOUNT
	66.53%	33.47%	
DNCTS Cash Total	24,403.16	12,276.77	36,679.93
DNCTS Charge Total	117,577.48	59,151.04	176,728.52
DNCTS Credit/Debit	18,382.33	9,247.80	27,630.13
DNCTS Adjustment	-1,388.96	1,388.96	0.00
DNCTS Totals	158,974.01	82,064.57	241,038.58
Klamath Cash Total		4,385.79	4,385.79
Klamath Charge Total		476.74	476.74
Klamath Adjustment			
Klamath Totals		4,862.53	4,862.53
Gasquet Cash Total		1,141.66	1,141.66
Gasquet Charge Total		0.00	0.00
Gasquet Adjustment			
Gasquet Totals		1,141.66	1,141.66
GRAND TOTALS	158,974.01	88,068.76	247,042.77

2.4

MONTHLY SPLIT SHEET
DNSWMA TRANSFER STATION
MONTH: JANUARY 2017

Date	Cash	Checks	Cash/Check Total	Visa	Master	Discover	AmExp	Credit Card Total	Charges	Grand Total	66.53% 91003	33.47% 91004	20286	Total
1	CLOSED													
2	\$ 756.80		\$ 756.80	\$ 732.80				\$ 732.80	\$ 5,184.78	\$ 6,674.38	\$ 503.50	\$ 253.30	(\$2.05)	\$ 754.75
3	\$ 1,005.52		\$ 1,005.52	\$ 612.59				\$ 612.59	\$ 9,367.39	\$ 10,985.50	\$ 668.97	\$ 336.55	\$1.23	\$ 1,006.75
4	\$ 1,128.59	\$ 97.41	\$ 1,226.00	\$ 739.55	\$ 17.28	\$ 6.76		\$ 763.59	\$ 4,860.54	\$ 6,850.13	\$ 815.66	\$ 410.34	\$0.12	\$ 1,226.12
5	\$ 1,516.67	\$ 33.12	\$ 1,549.79	\$ 1,283.86	\$ 30.25	\$ 61.94		\$ 1,376.05	\$ 5,542.08	\$ 8,467.92	\$ 1,031.08	\$ 518.71	\$0.05	\$ 1,549.84
6	\$ 1,491.88	\$ 438.28	\$ 1,930.16	\$ 1,198.31	\$ 45.47	\$ 15.84		\$ 1,259.62	\$ 6,919.94	\$ 10,109.72	\$ 1,284.14	\$ 646.02	\$1.25	\$ 1,931.41
7	\$ 677.13	\$ 44.64	\$ 721.77	\$ 615.01	\$ 14.40			\$ 629.41	\$ 4,044.42	\$ 5,395.60	\$ 480.19	\$ 241.58		\$ 721.77
8	\$ 750.42	\$ 57.60	\$ 808.02	\$ 345.66	\$ 7.20			\$ 352.86	\$ 880.08	\$ 2,040.96	\$ 537.58	\$ 270.44		\$ 808.02
9	\$ 638.84	\$ 86.42	\$ 725.26	\$ 267.56				\$ 267.56	\$ 6,442.06	\$ 7,434.88	\$ 482.52	\$ 242.74	\$10.04	\$ 735.30
10	\$ 441.99		\$ 441.99	\$ 380.23				\$ 380.23	\$ 7,702.32	\$ 8,524.54	\$ 294.06	\$ 147.93		\$ 442.09
11	\$ 692.91		\$ 692.91	\$ 499.89	\$ 7.20			\$ 507.09	\$ 9,098.57	\$ 10,298.57	\$ 460.99	\$ 231.92	\$0.61	\$ 693.52
12	\$ 1,194.16	\$ 60.49	\$ 1,254.65	\$ 782.39	\$ 20.16			\$ 802.55	\$ 7,574.66	\$ 9,631.86	\$ 834.72	\$ 419.93	(\$0.05)	\$ 1,254.60
13	\$ 1,108.27	\$ 97.13	\$ 1,205.40	\$ 924.02	\$ 7.20			\$ 931.22	\$ 8,262.38	\$ 10,399.00	\$ 801.95	\$ 403.45	\$0.21	\$ 1,205.61
14	\$ 1,886.15	\$ 296.40	\$ 2,182.55	\$ 1,205.51	\$ 153.27			\$ 1,358.78	\$ 1,572.82	\$ 5,114.15	\$ 1,452.05	\$ 730.50	\$2.06	\$ 2,184.61
15	\$ 1,290.11	\$ 162.36	\$ 1,452.47	\$ 1,217.58	\$ 30.25			\$ 1,247.83	\$ 1,189.76	\$ 3,890.06	\$ 966.33	\$ 486.14	\$0.02	\$ 1,452.49
16	\$ 1,176.39	\$ 133.16	\$ 1,309.55	\$ 1,411.47	\$ 53.99		\$ 20.17	\$ 1,485.63	\$ 7,637.76	\$ 10,432.94	\$ 871.24	\$ 438.31	\$0.10	\$ 1,309.65
17	\$ 1,848.08	\$ 106.58	\$ 1,954.66	\$ 1,146.48	\$ 182.93		\$ 56.53	\$ 1,385.94	\$ 10,457.22	\$ 13,797.82	\$ 1,300.44	\$ 654.22	(\$0.04)	\$ 1,954.62
18	\$ 168.51	\$ 290.96	\$ 459.47	\$ 773.33	\$ 31.68			\$ 805.01	\$ 4,550.08	\$ 5,814.56	\$ 305.69	\$ 153.78		\$ 459.47
19	\$ 905.86	\$ 27.36	\$ 933.22	\$ 414.00				\$ 414.00	\$ 5,077.97	\$ 6,425.19	\$ 620.87	\$ 312.35	\$0.09	\$ 933.31
20	\$ 376.54	\$ 161.19	\$ 537.73	\$ 315.42	\$ 8.64			\$ 324.06	\$ 5,632.62	\$ 6,494.41	\$ 357.75	\$ 179.98	\$0.24	\$ 537.97
21	\$ 1,573.73	\$ 59.05	\$ 1,632.78	\$ 1,170.14	\$ 89.30			\$ 1,259.44	\$ 42.89	\$ 2,935.11	\$ 1,086.29	\$ 546.49		\$ 1,632.78
22	\$ 788.20	\$ 61.84	\$ 850.04	\$ 361.28			\$ 46.09	\$ 407.37	\$ 1,309.32	\$ 2,566.73	\$ 565.53	\$ 284.51	\$0.01	\$ 850.05
23	\$ 1,316.77	\$ 190.12	\$ 1,506.89	\$ 747.80	\$ 31.68			\$ 779.48	\$ 7,642.70	\$ 9,929.07	\$ 1,002.53	\$ 504.36	\$9.67	\$ 1,516.56
24	\$ 1,187.89	\$ 74.89	\$ 1,262.78	\$ 1,097.96				\$ 1,097.96	\$ 7,954.03	\$ 10,314.77	\$ 840.13	\$ 422.65	\$1.00	\$ 1,263.78
25	\$ 1,032.41	\$ 116.67	\$ 1,149.08	\$ 1,007.26	\$ 7.20			\$ 1,041.83	\$ 6,512.32	\$ 8,703.23	\$ 764.48	\$ 384.60	\$1.67	\$ 1,150.75
26	\$ 1,132.49	\$ 253.91	\$ 1,386.40	\$ 886.75	\$ 54.42	\$ 7.20		\$ 948.37	\$ 6,484.65	\$ 8,819.42	\$ 922.37	\$ 464.03	\$1.12	\$ 1,387.52
27	\$ 1,044.91	\$ 222.45	\$ 1,267.36	\$ 865.99	\$ 101.40		\$ 272.36	\$ 1,239.15	\$ 10,704.84	\$ 13,211.35	\$ 843.17	\$ 424.19	(\$7.40)	\$ 1,259.96
28	\$ 1,663.52	\$ 90.21	\$ 1,753.73	\$ 1,328.84	\$ 66.26		\$ 292.15	\$ 1,687.25	\$ 3,747.10	\$ 7,188.08	\$ 1,166.76	\$ 586.97	(\$0.05)	\$ 1,753.68
29	\$ 1,213.91	\$ 126.75	\$ 1,340.66	\$ 965.11	\$ 154.45			\$ 1,119.56	\$ 2,642.49	\$ 5,102.71	\$ 891.94	\$ 448.72	\$0.84	\$ 1,341.50
30	\$ 1,329.37	\$ 136.84	\$ 1,466.21	\$ 1,211.98	\$ 34.74			\$ 1,246.72	\$ 9,009.95	\$ 11,722.88	\$ 975.47	\$ 490.74	(\$0.52)	\$ 1,465.69
31	\$ 1,855.59	\$ 60.49	\$ 1,916.08	\$ 1,005.81	\$ 153.17	\$ 7.20		\$ 1,166.18	\$ 8,680.78	\$ 11,763.04	\$ 1,274.77	\$ 641.31	-0.18	\$ 1,915.90
TOTALS	\$33,193.61	\$3,486.32	\$36,679.93	\$25,513.98	\$1,302.54	\$ 98.94	\$ 714.67	\$27,630.13	\$176,728.52	\$241,038.58	\$24,403.16	\$12,276.77	\$20.14	\$36,700.07

oil pd. out
\$4.00

DAILY TICKET REPORT				
DNSWMA TRANSFER STATION				
MONTH: January 2017				
			VOIDED	TICKET
Date	BEGIN	END	TICKETS	COUNT
1	CLOSED			
2	918202	918308		107
3	918309	918438		130
4	918439	918583		145
5	918584	918761		178
6	918762	918968		207
7	918969	919081		113
8	919082	919153		72
9	919154	919248		95
10	919249	919332		84
11	919333	919456	1	123
12	919457	919641		185
13	919642	919809		168
14	919810	920024		215
15	920025	920214		190
16	920215	920422		208
17	920423	920616	1	193
18	920617	920680	1	63
19	920681	920778		98
20	920779	920860	2	80
21	920861	921001		141
22	921002	921087		86
23	921088	921248	1	160
24	921249	921412		164
25	921413	921538		126
26	921539	921710		172
27	921711	921899		189
28	921900	922108		209
29	922109	922291		183
30	922292	922484		193
31	922485	922671	1	186
TOTAL			7	4463

DNSWMA									
KLAMATH TRANSFER STATION - DEPOSITS									
January-2017									
Date	Cash	Checks	Deposit	Over / Short	Sales	Sales	Charges	Tickets	TOTAL
January 1, 2017	CLOSED		0.00						0.00
January 4, 2017	507.25		507.25	1.25	506.00		35.20	28	507.25
January 8, 2017	694.11	26.50	720.61	1.21	719.40			32	720.61
January 11, 2017	385.12	20.50	405.62	0.05	405.57		58.67	25	405.62
January 15, 2017	992.15	55.96	1,048.11	1.04	1,047.07			50	1,048.11
January 18, 2017	106.39		106.39		106.39		113.23	12	106.39
January 22, 2017	626.81	130.58	757.39	(0.18)	757.57		57.43	37	757.39
January 25, 2017	184.49		184.49		184.49		212.21	19	184.49
January 29, 2017	612.36	43.57	655.93	0.25	655.68			35	655.93
			0.00						0.00
			0.00						0.00
			0.00						0.00
			0.00						0.00
			0.00						0.00
			0.00						0.00
			0.00						0.00
TOTAL	\$ 4,108.68	\$ 277.11	\$ 4,385.79	3.62	\$ 4,382.17	\$ 4,385.79	\$ 476.74	238	
TOTAL CASH SALES									
Date	Wednesday	Friday	Sunday						
January 1, 2017			CLOSED						
January 4, 2017	507.25								
January 8, 2017			720.61						
January 11, 2017	405.62								
January 15, 2017			1,048.11						
January 18, 2017	106.39								
January 22, 2017			757.39						
January 25, 2017	184.49								
January 29, 2017			655.93						
TOTALS	\$1,203.75	\$0.00	\$3,182.04						
DAILY AVERAGE	\$300.94		\$795.51						

DNSWMA
GRAND TOTALS
DECEMBER 2016

	Amount to 422-421 91003	Amount to 422-421 91004	TOTAL AMOUNT
	66.53%	33.47%	
DNCTS Cash Total	27,088.52	13,627.73	40,716.25
DNCTS Charge Total	109,191.07	54,931.98	164,123.05
DNCTS Credit/Debit	19,161.96	9,640.03	28,801.99
DNCTS Adjustment	-1,594.57	1,594.57	0.00
DNCTS Totals	153,846.98	79,794.31	233,641.29
Klamath Cash Total		2,946.62	2,946.62
Klamath Charge Total		130.74	130.74
Klamath Adjustment			
Klamath Totals		3,077.36	3,077.36
Gasquet Cash Total		1,539.19	1,539.19
Gasquet Charge Total		8.75	8.75
Gasquet Adjustment			
Gasquet Totals		1,547.94	1,547.94
GRAND TOTALS	153,846.98	84,419.61	238,266.59

**MONTHLY SPLIT SHEET
DNSWMA TRANSFER STATION
MONTH: DECEMBER 2016**

Date	Cash	Checks	Cash/Check Total	Visa	Master	Discover	AmExp	Credit Card Total	Charges	Grand Total	66.53% 91003	33.47% 91004	20286	Total
1	\$ 963.17	\$ 51.60	\$ 1,014.77	\$ 994.26	\$ 46.30			\$ 1,040.56	\$ 7,822.94	\$ 9,878.27	\$ 675.13	\$ 339.64	\$0.01	\$ 1,014.78
2	\$ 1,316.29	\$ 155.67	\$ 1,471.96	\$ 645.37	\$ 54.73			\$ 700.10	\$ 6,710.96	\$ 8,883.02	\$ 979.29	\$ 492.67	(\$0.08)	\$ 1,471.88
3	\$ 1,920.09	\$ 331.28	\$ 2,251.37	\$ 1,330.51	\$ 83.54	\$ 17.28		\$ 1,431.33	\$ 256.07	\$ 3,938.77	\$ 1,497.84	\$ 753.53	\$0.06	\$ 2,251.43
4	\$ 1,372.88	\$ 87.86	\$ 1,460.74	\$ 921.66	\$ 67.69			\$ 989.35	\$ 1,039.48	\$ 3,489.57	\$ 971.83	\$ 488.91		\$ 1,460.74
5	\$ 842.58	\$ 112.36	\$ 954.94	\$ 1,013.99	\$ 32.25	\$ 20.17		\$ 1,066.41	\$ 8,257.36	\$ 10,278.71	\$ 635.32	\$ 319.62	\$0.53	\$ 955.47
6	\$ 892.83	\$ 80.66	\$ 973.49	\$ 363.56	\$ 119.55		\$ 44.65	\$ 527.76	\$ 8,837.62	\$ 10,338.87	\$ 647.66	\$ 325.83		\$ 973.49
7	\$ 740.39	\$ 252.07	\$ 992.46	\$ 468.75				\$ 468.75	\$ 4,787.50	\$ 6,248.71	\$ 660.28	\$ 332.18	\$0.05	\$ 992.51
8	\$ 530.82	\$ 234.34	\$ 765.16	\$ 814.65	\$ 7.20			\$ 821.85	\$ 6,406.65	\$ 7,993.66	\$ 509.06	\$ 256.10	(\$7.50)	\$ 757.66
9	\$ 989.92	\$ 46.08	\$ 1,036.00	\$ 570.37	\$ 64.82			\$ 635.19	\$ 5,491.40	\$ 7,162.59	\$ 889.25	\$ 346.75	\$0.19	\$ 1,036.19
10	\$ 1,760.10	\$ 79.22	\$ 1,839.32	\$ 817.43	\$ 57.12	\$ 136.84		\$ 1,011.39	\$ 285.04	\$ 3,135.75	\$ 1,223.70	\$ 615.62	\$0.16	\$ 1,839.48
11	\$ 944.41	\$ 69.12	\$ 1,013.53	\$ 946.89	\$ 65.41			\$ 1,012.30	\$ 1,116.31	\$ 3,142.14	\$ 674.30	\$ 339.23	\$0.01	\$ 1,013.54
12	\$ 1,327.92	\$ 242.73	\$ 1,570.65	\$ 838.43	\$ 12.96			\$ 851.39	\$ 9,019.05	\$ 11,441.09	\$ 1,044.95	\$ 525.70	(\$0.03)	\$ 1,570.62
13	\$ 1,288.79	\$ 135.31	\$ 1,424.10	\$ 741.21	\$ 56.17			\$ 797.38	\$ 8,248.18	\$ 10,469.66	\$ 947.45	\$ 476.65	\$0.05	\$ 1,424.15
14	\$ 342.63		\$ 342.63	\$ 121.83	\$ 69.14			\$ 190.97	\$ 4,367.74	\$ 4,901.34	\$ 227.95	\$ 114.68	\$7.26	\$ 349.89
15	\$ 967.36	\$ 203.09	\$ 1,170.45	\$ 904.19	\$ 387.47			\$ 1,291.66	\$ 6,890.97	\$ 9,353.08	\$ 778.70	\$ 391.75	(\$1.05)	\$ 1,169.40
16	\$ 933.45	\$ 41.77	\$ 975.22	\$ 846.21	\$ 45.04			\$ 891.25	\$ 8,316.67	\$ 10,183.14	\$ 648.81	\$ 326.41	\$0.12	\$ 975.34
17	\$ 1,341.86	\$ 207.40	\$ 1,549.26	\$ 1,145.11	\$ 114.97	\$ 12.96		\$ 1,273.04	\$ 234.42	\$ 3,056.72	\$ 1,030.72	\$ 518.54	\$0.02	\$ 1,549.28
18	\$ 1,049.54	\$ 59.61	\$ 1,109.15	\$ 875.47	\$ 7.20		\$ 29.72	\$ 912.39	\$ 968.84	\$ 2,990.38	\$ 737.92	\$ 371.23	\$0.19	\$ 1,109.34
19	\$ 1,517.98	\$ 84.97	\$ 1,602.95	\$ 633.91	\$ 126.75		\$ 36.01	\$ 796.67	\$ 8,504.16	\$ 10,903.78	\$ 1,066.44	\$ 536.51	\$0.64	\$ 1,603.59
20	\$ 930.23	\$ 254.96	\$ 1,185.19	\$ 862.54	\$ 28.22			\$ 890.76	\$ 9,717.42	\$ 11,793.37	\$ 788.51	\$ 396.68	(\$0.24)	\$ 1,184.95
21	\$ 1,303.09	\$ 76.40	\$ 1,379.49	\$ 830.06	\$ 57.61			\$ 887.67	\$ 8,155.94	\$ 10,423.10	\$ 917.77	\$ 461.72	(\$0.16)	\$ 1,379.33
22	\$ 1,389.53	\$ 59.88	\$ 1,449.41	\$ 1,016.10	\$ 52.12			\$ 1,068.22	\$ 6,656.29	\$ 9,173.92	\$ 964.29	\$ 485.12	\$0.21	\$ 1,449.62
23	\$ 404.74	\$ 33.13	\$ 437.87	\$ 563.17	\$ 10.08		\$ 44.65	\$ 617.90	\$ 7,097.08	\$ 8,152.85	\$ 291.31	\$ 146.56	(\$0.07)	\$ 437.86
24	\$ 580.56	\$ 214.59	\$ 795.15	\$ 419.10	\$ 65.99			\$ 485.09	\$ 1,066.01	\$ 2,346.25	\$ 529.01	\$ 266.14	(\$0.16)	\$ 794.99
25	CLOSED		\$ -					\$ -		\$ -	\$ -	\$ -		\$ -
26	\$ 1,551.03	\$ 309.68	\$ 1,860.71	\$ 1,195.60	\$ 40.33			\$ 1,235.93	\$ 4,764.59	\$ 7,861.23	\$ 1,237.93	\$ 622.78	(\$0.06)	\$ 1,860.65
27	\$ 1,345.01	\$ 276.51	\$ 1,621.52	\$ 1,050.15	\$ 71.70			\$ 1,121.85	\$ 6,341.95	\$ 9,085.32	\$ 1,078.80	\$ 542.72	\$0.04	\$ 1,621.56
28	\$ 1,985.60	\$ 845.48	\$ 2,831.08	\$ 1,033.45	\$ 37.45			\$ 1,070.90	\$ 5,772.01	\$ 9,673.99	\$ 1,883.52	\$ 947.56	(\$1.03)	\$ 2,830.57
29	\$ 1,707.24	\$ 129.63	\$ 1,836.87	\$ 1,093.14	\$ 20.17		\$ 18.73	\$ 1,119.07	\$ 7,074.21	\$ 10,030.15	\$ 1,222.07	\$ 614.80	(\$0.50)	\$ 1,836.37
30	\$ 1,535.78	\$ 181.79	\$ 1,717.57	\$ 1,935.00	\$ 7.20			\$ 1,955.17	\$ 8,409.53	\$ 12,082.27	\$ 1,142.70	\$ 574.87	(\$0.07)	\$ 1,717.56
31	\$ 1,995.38	\$ 87.86	\$ 2,083.24	\$ 1,580.64	\$ 59.05			\$ 1,639.69	\$ 1,506.66	\$ 5,229.59	\$ 1,385.98	\$ 697.26	0.37	\$ 2,083.61
TOTALS	\$35,771.20	\$4,945.05	\$40,716.25	\$26,572.75	\$1,868.23	\$187.25	\$173.76	\$28,801.99	\$164,123.05	\$233,641.29	\$27,088.52	\$13,627.73	\$ (0.92)	\$40,715.33

oil paid out
\$2.00

oil paid out
\$2.00

DAILY TICKET REPORT				
DNSWMA TRANSFER STATION				
MONTH: December 2016				
Date	BEGIN	END	VOIDED TICKETS	TICKET COUNT
1	913452	913611	1	159
2	913612	913780	1	168
3	913781	914001		221
4	914002	914154		153
5	914155	914310		156
6	914311	914434		124
7	914435	914554		120
8	914555	914639		85
9	914640	914748	1	108
10	914749	914916		168
11	914917	915048		132
12	915049	915207		159
13	915208	915365		158
14	915366	915418		53
15	915419	915563	1	144
16	915564	915716	1	152
17	915717	915885	1	168
18	915886	916032	1	146
19	916033	916215		183
20	916216	916349		134
21	916350	916514		165
22	916515	916689	2	173
23	916690	916777		88
24	916778	916874	1	96
25	CLOSED			
26	916875	917076		202
27	917077	917300	1	223
28	917301	917527		227
29	917528	917735		208
30	917736	917967		232
31	917968	918201		234
TOTAL			11	4739

DNSWMA										
KLAMATH TRANSFER STATION - DEPOSITS										
December-2016										
Date	Cash	Checks	Deposit	TOTAL			Over / Short	Sales	Charges	Tickets
December 4, 2016	407.76	163.39	571.15				1.79	569.36		36
December 7, 2016	224.28	29.25	253.53				0.16	253.37		21
December 11, 2016	326.55	8.75	335.30				0.25	335.05		28
December 14, 2016	166.97	50.84	217.81					217.81	50.51	14
December 18, 2016	401.79	44.01	445.80				6.95	438.85		33
December 21, 2016	234.79	26.25	261.04				0.64	260.40	26.76	23
December 25, 2016	CLOSED		0.00						0.00	
December 28, 2016	832.48	29.51	861.99				0.66	861.33	53.47	45
			0.00						0.00	
			0.00						0.00	
			0.00						0.00	
			0.00						0.00	
			0.00						0.00	
			0.00						0.00	
			0.00						0.00	
TOTAL	\$ 2,594.62	\$ 352.00	\$ 2,946.62	\$	10.45	\$ 2,936.17	\$ 2,946.62	\$ 130.74	200	
TOTAL CASH SALES										
Date	Wednesday	Friday	Sunday							
December 4, 2016			571.15							
December 7, 2016	253.53									
December 11, 2016			335.30							
December 14, 2016	217.81									
December 18, 2016			445.80							
December 21, 2016	261.04									
December 25, 2016			CLOSED							
December 28, 2016	861.99									
TOTALS	\$1,594.37	\$0.00	\$1,352.25							
DAILY AVERAGE	\$398.59		\$450.75							

DNSWMA

GASQUET TRANSFER STATION - DEPOSITS

December-2016

Date	Cash	Checks	TOTAL			Charges	Tickets
			Deposit	Over / Short	Sales		
December 3, 2016	292.60	76.50	369.10	\$0.40	368.70		33
December 10, 2016	262.43	49.75	312.18	(\$0.13)	312.31		30
December 17, 2016	239.37	38.00	277.37	(\$2.88)	280.25	8.75	21
December 24, 2016	212.03	35.25	247.28	\$0.24	247.04		19
December 31, 2016	280.51	52.75	333.26	(\$0.25)	333.51		34
			0.00		0.00		
			0.00		0.00		
			0.00		0.00		
			0.00		0.00		
			0.00		0.00		
TOTAL	\$ 1,286.94	\$ 252.25	\$ 1,539.19	\$ (2.62)	\$ 1,541.81	\$ 8.75	137

TOTAL CASH SALES

Date	Thursday	Saturday
December 3, 2016		369.10
December 10, 2016		312.18
December 17, 2016		277.37
December 24, 2016		247.28
December 31, 2016		333.26

TOTALS

\$0.00 \$1,539.19

DAILY AVERAGE

\$307.84

AUTHORITY REVENUE REPORT January 2017

Source **2015/2016** **2016/2017**
Authority Actual Annual
Service Fees \$ 1,030,898.99 Budget/Month \$ 83,947.67 \$ 1,007,372.00

	Actual/		Comparison FY15/16	Actual/		Over Budget
	Month	Month		Month	Month	
July	\$ 94,614.42	\$ 93,395.01	\$ (1,219.41)	\$ 93,395.01	\$ 9,447.34	
August	\$ 92,156.03	\$ 100,284.45	\$ 8,128.42	\$ 100,284.45	\$ 16,336.78	
September	\$ 91,983.20	\$ 97,849.58	\$ 5,866.38	\$ 97,849.58	\$ 13,901.91	
October	\$ 90,405.08	\$ 84,217.04	\$ (6,188.04)	\$ 84,217.04	\$ 269.37	
November	\$ 74,641.65	\$ 87,939.87	\$ 13,298.22	\$ 87,939.87	\$ 3,992.20	
December	\$ 73,083.00	\$ 84,419.61	\$ 11,336.61	\$ 84,419.61	\$ 471.94	
January	\$ 75,830.23	\$ 88,068.76	\$ 12,238.53	\$ 88,068.76	\$ 4,121.09	
February	\$ 83,078.53		\$ -		\$ -	
March	\$ 82,737.50		\$ -		\$ -	
April	\$ 86,370.22		\$ -		\$ -	
May	\$ 90,954.13		\$ -		\$ -	
June	\$ 95,045.00		\$ -		\$ -	
Total	\$ 1,030,898.99	\$ 636,174.32	\$ 43,460.71	\$ 636,174.32	\$ 48,540.65	

Over last year at this point 7.63% Ahead of budget

Projection \$ 1,268,819.02
 Projection \$ 1,585,472.26
 Last year \$ 1,297,206.99
 Ahead of Last 22.22%

AUTHORITY REVENUE REPORT January 2017

2016/2017

Source 2015/2016

Franchise Fee Actual Annual

Budget/Month Budget/Year
\$ 22,796.67 \$ 273,560.00

Actual//Month		Comparison FY 15/16	Actual//Month		Over/Under Budget
July	\$ 19,500.00	\$ 5,094.00	July	\$ 24,594.00	\$ 1,797.33
August	\$ 24,126.00	\$ (1,498.00)	August	\$ 22,628.00	\$ (168.67)
September	\$ 25,288.00	\$ (1,285.00)	September	\$ 24,003.00	\$ 1,206.33
October	\$ 22,618.00	\$ 81.00	October	\$ 22,699.00	\$ (97.67)
November	\$ 21,387.00	\$ 534.00	November	\$ 21,921.00	\$ (875.67)
December	\$ 20,803.00	\$ 1,763.00	December	\$ 22,566.00	\$ (230.67)
January	\$ 20,780.00	\$ (189.00)	January	\$ 20,591.00	\$ (2,205.67)
February	\$ 20,827.00	\$ -	February	\$ -	\$ -
March	\$ 21,438.00	\$ -	March	\$ -	\$ -
April	\$ 21,799.00	\$ -	April	\$ -	\$ -
May	\$ 23,342.00	\$ -	May	\$ -	\$ -
June	\$ 24,400.00	\$ -	June	\$ -	\$ -
Total	\$ 266,308.00	\$ 4,500.00	Total	\$ 159,002.00	\$ (574.67)

Over last year at this point

-0.36%

Ahead of budget

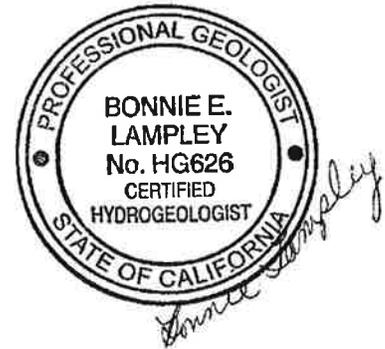
Projection \$ 316,653.24



015063.00

**SECOND-HALF AND ANNUAL 2016
WATER-QUALITY MONITORING REPORT
FOR
CRESCENT CITY LANDFILL**

JANUARY 30, 2017



PREPARED FOR:

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
1700 STATE STREET
CRESCENT CITY, CA 95531

3.1

Table of Contents

Text	Page
Introduction.....	1
Summary.....	2
Well Repairs.....	2
Groundwater Gradient and Movement	2
General Water Quality	2
Site Description.....	3
Methods.....	4
Sampling	4
Hydrogeological Setting	4
Stratigraphy.....	4
Surface-water Occurrence.....	5
Groundwater Occurrence	5
Well Repair & Evaluation.....	6
Water Quality.....	7
Southeast to Southwest of Landfill Mound	7
Northeast to North of Landfill Mound (Towards Residential Area)	9
Upgradient of Landfill Mound.....	9
Comparison to Groundwater Limits	10
Landfill Gas	10

Figures

1. Location map
2. Groundwater elevation contours, shallow aquifer, August 29, 2016
3. Groundwater elevation contours, deep aquifer, August 29, 2016
4. TDS time-series graphs, east to southeast of Landfill
5. TDS time-series graphs, northeast to north of Landfill
6. TDS time-series graphs, upgradient of Landfill

Tables

1. Summary of current monitoring data (following text)
2. Summary of historic organic-compound detections (following text)

Attachments

- A. Field data & laboratory sheets
- B. Historical data tables
- C. Time-series graphs – general parameters

INTRODUCTION

This document presents the second-half and annual 2016 water-quality monitoring report for the Crescent City Landfill (Landfill), Del Norte County, California (**Figures 1 and 2**). Lawrence & Associates (L&A) prepared this report at the request of the Del Norte Solid Waste Management Authority (DNSWMA), a joint powers authority of the County of Del Norte and the only incorporated city, Crescent City. The Authority has administrative responsibility for the Crescent City Landfill, including environmental monitoring, reporting, and compliance, though the landfill and landfill property are owned by the County of Del Norte.

The Landfill, which was closed in March 2005, is monitored under Waste Discharge Requirements (WDR) Order No. 97-90, issued by the North Coast Regional Water Quality Control Board (NCRWQCB) on September 25, 1997.

In anticipation of updating the WDR, the DNSWMA proposed updates to the Monitoring & Reporting Program (MRP). To that end, L&A prepared a report (MRP Update Report) summarizing the landfill history and operations, describing the hydrogeology of the site in detail, and interpreting the historical water-quality data, and proposing changes to the MRP.¹

On September 16, 2016, the NCRWQCB issued a letter reducing the Threat/Complexity (T/C) Rating for the Landfill from 1A to 2A. The letter stated the following:

“Specifically, to maintain a 2A rating, you must continue to monitor the two nearest domestic wells, identified as 110-140-24 and 110-149-16, twice a year at the same time as the SWDS sampling. Analytes shall include, at a minimum, the general chemistry and field parameters required at the SWDS monitoring wells and volatile organic compounds U.S. EPA Method 8260, including oxygenates. Data from these wells shall be included in the regular monitoring reports. Other monitoring points may be proposed to replace sampling at the domestic wells, but are subject to review and approval by the Executive Officer of the Regional Water Board.”

DNSWMA staff contacted the owners of the above-described wells to obtain permission to sample during second-half 2016, but the owners declined to give permission.

Based on the analysis herein and the MRP Update Report, it is neither clear whether an additional downgradient well is necessary at this time nor where one should be located. The location of new downgradient wells may depend, in part, on the results of the residential well sampling, and on the continued monitoring of the E-4 well pair. In the MRP Update Report, we recommended evaluating the need and/or location for a new downgradient well in six months, after one more sampling event for the E-4 pair and sampling of the residential wells. The E-4 well pair was not

¹ L&A, January 13, 2016, *Proposed Updates to Monitoring & Reporting Program for Crescent City Landfill*.

sampled in either of the 2016 events. The E-4 pair should be sampled in 2017, and the need and/or location for a new downgradient well should be re-evaluated after at least the first-half 2017 sampling. We also recommend sampling the above-described residential wells, although we understand from DNSWMA staff that the residents have indicated they do not wish to participate in any further monitoring of their wells.

SUMMARY

WELL REPAIRS

In September, L&A's driller (C-57 License 539447) examined wells SM-6 and W-2. Well SM-6 has shown repeated detections of volatile organic compounds (VOC) and W-2 currently shows increasing trends for several mineral parameters.

L&A swabbed and bailed SM-6, then pumped the well dry a few times, then bailed again, with no recovery after the last bailing. No obvious non-formation materials were present. The well casing did not have a compression cap to prevent surface water from entering the well and the top of the casing was well below ground surface. L&A extended the four-inch casing to four inches below grade and installed an air-tight compression cap.

L&A conducted a video survey of W-2 to ascertain the condition of the casing, specifically looking for cracks or damage. The video survey showed no cracks in the casing, although there was no cap on the top of the casing and apparently no bottom cap. There were abundant leaves and silty muck in the bottom of the well and the casing showed staining throughout, from top to bottom, suggesting surface water entered the casing. After the video survey, L&A swabbed and bailed, then pumped the well until it was dry. The pump sanded in on the last attempt. After pumping, L&A installed a well seal at the surface.

GROUNDWATER GRADIENT AND MOVEMENT

Figures 2 and 3 shows groundwater elevation contour maps for August 29, 2016, for the Dune (shallow) and Battery (deep) aquifers, respectively. The direction of the groundwater gradient is similar in both aquifers, ranging from east to southeast at magnitudes ranging from 0.005 to 0.020 feet/foot. This is similar to previous periods.

GENERAL WATER QUALITY

Second-quarter 2016 water-quality monitoring was performed by DNSWMA per WDR Order No. 97-90. As described above, the owners of the two neighboring residential wells (on parcels APN 110-140-16 and -24) were contacted, but declined to give permission for sampling.

VOC were not detected in any landfill wells in second-half 2016. Well SM-6, which contained 0.90 µg/L of toluene and 24 µg/L of benzene in the first-half sampling event (January 2016), was not sampled in second half as it was dry.

The detections of VOC in SM-6 since 2012 have been attributed to vandalism. This is supported by the decreasing trend for total dissolved solids (TDS) since closure; if landfill leachate were imparting VOC, TDS would not be expected to be decreasing. TDS is used here as an indicator of the general water quality and level of mineralization. As described above, the casing for SM-6 was extended and a locking compression cap installed to prevent surface-water inflow and vandalism.

Wells downgradient of the Landfill and between the Landfill and the residential area show decreasing trends for TDS since Landfill closure. The E-3 pair, W-6E, W-6W, and SM-6 all show statistically significant decreasing trends in TDS since closure. The E-1 pair shows decreasing trends in TDS, although not statistically significant. Most of these wells have not shown VOC detections for at least the last six years. VOC have never been detected in W-6E; VOC have not been detected in W-6W since 2001.

The only increasing trend in TDS is in W-2, and it is unusual, in that there is not a correlative increase in TDS in any of the downgradient wells. If the increase in TDS in W-2 was attributable to significant leachate migrating to groundwater over such a long period (almost 30 years), it would be expected that the downgradient wells would be showing increasing trends. All downgradient wells, however, are showing decreasing trends. Landfill-gas migration also does not appear to be causing this increase, as no other wells show a similar trend. The video surface did not show damaged casing, but did show that surface-water intrusion has been occurring. W-2 is now properly capped to prevent surface-water intrusion.

SITE DESCRIPTION

The Landfill is located two miles north of Crescent City, in Del Norte County, on a 166-acre property (**Figure 1**). The property encompasses parcels APN 110-020-08, APN 1120-020-43, and a portion of APN 110-020-69. The property is owned by Del Norte County and zoned as a Public Facility. Current land uses within one mile of the site are recreational, wildlife habitat, agricultural, residential, and industrial. The Landfill mound comprises approximately 23 acres of the 167-acre site.

The landfill property is surrounded on three sides by land owned by the California Department of Parks and Recreation; their holdings include approximately 5,000 acres extending from Old Mill Road to the ocean, less than two miles to the west. There is a residential area consisting of sixteen properties located approximately one quarter to one half mile north-northeast of the Landfill mound (main body of waste). Eight property owners adjacent to and in the vicinity of the Landfill were contacted by DNSWMA staff. Three responded and were willing to have their wells sampled. Two of those were chosen (APN 110-140-16 and -24) based on their location relative to the landfill and the direction of the groundwater gradient (**Figures 2 and 3**).

In 1996, the approximate southern half of the landfill was capped with a 60-mil coextruded geomembrane. In October 2005, the second phase of closure included capping the remaining

area with a linear low-density polyethylene (LLDPE) geomembrane. Since 2005, no waste has been disposed at the Landfill.

Since 1997, groundwater-monitoring has been conducted using 17 groundwater monitoring wells, one leachate well, and three surface-water points. Two additional wells, E-4 Shallow and E-4 Deep, have been sampled but are not under MRP 97-90, as they were installed in 2014. This report includes analysis and recommendations regarding future sampling of the E-4 wells. Monitoring is conducted by DNSWMA and County staff.

Beginning in at least 1987, evidence of Landfill influence on groundwater and surface-water quality was noted. Impacts consist of periodic detections of organic compounds and elevated mineral constituents. In general, however, water quality has improved since the completion of landfill capping. This was discussed in detail in the MRP Update Report.

METHODS

SAMPLING

DNSWMA staff conducted the groundwater and surface-water sampling per the protocol recommended in a Technical Memorandum prepared in 1996 by Winzler & Kelly, and approved by NCRWQCB staff. Before sampling, the depth to water in each groundwater well was measured to the nearest 0.01 foot with an electronic well sounder.

Field parameters were measured per the Sampling and Analysis Plan; the meter was calibrated the morning of the actual testing.

Samples were shipped, on ice and accompanied by appropriate chain-of-custody documentation, to North Coast Laboratories, Ltd., in Arcata, California.

HYDROGEOLOGICAL SETTING

The following discussions of the hydrogeologic setting and water quality were taken from the more detailed description in the MRP Update Report. Please refer to that report for additional information, as indicated.

STRATIGRAPHY

The Landfill site is underlain by the following geologic units, from ground surface downwards:

- Dune deposits of well-sorted, poorly consolidated, fine-grained sand. The Dune deposit is of varying thickness, depending on the ground-surface topography. In the higher elevation portions of the site, the Dune deposits can be as much as 40 feet thick (*e.g.*, as in the boring for the E-4 wells). In other areas, the Dune deposits may be less than 10 feet thick (*e.g.*, as in the boring for well W-2). Hydraulic conductivity of the Dune deposits ranges from 1.1×10^{-3} to 5.8×10^{-3} cm/sec.

- Underlying the Dune deposits is a unit characterized as the Marsh deposit. The Marsh deposit consists of interbedded peat and silty to clayey sand. It can be present merely as a zone of organic material or greenish-gray clayey zone, or range up to 10 feet thick. It appears to thicken to the northeast (e.g., as in the boring for the E-4 wells).
- Underlying the Marsh deposit is the Battery Formation, a littoral sand deposit. The Battery Formation ranges in thickness from about five to 30 feet, although, in general, it is thinner overall than the Dune deposits. Hydraulic conductivity of the Battery Formation ranges from 4.1×10^{-4} to 6.1×10^{-5} cm/sec.
- Underlying the Battery Formation is bedrock of the St. George Formation. The St. George Formation consists of highly consolidated siltstone and sandstone, and is considered essentially non-water bearing.

The Dune, Marsh, and Battery deposits range in age from Pleistocene to Holocene (approximately 2.5 million years to present). The St. George Formation is late Miocene in age (approximately 5 to 6 million years).

SURFACE-WATER OCCURRENCE

Because of the relatively high permeability of the Dune deposits, precipitation and surface drainage can rapidly percolate downward into the deposits. Similarly, there can be a relatively strong connection between groundwater and surface water, especially where groundwater levels are near ground surface. Historically, groundwater mounds were noted below surface impoundments.

GROUNDWATER OCCURRENCE

Groundwater occurs principally in the Dune and Battery deposits; for practical purposes, the St. George Formation is non-water bearing. Although the Marsh deposit is saturated in some locations, it is not considered an aquifer; rather, it acts as an aquitard between the Dune and Battery deposits.

Depth to groundwater at the Landfill site generally ranges from near ground surface (less than five feet) to approximately 40 feet below ground surface (bgs).

At all locations, the elevation of the piezometric surface is higher in the Dune deposit relative to that of the Battery Formation. The difference ranges from about one foot (in the W-6E/W pair) to almost eight feet (in the W-1E/W pair). Thus, the relative elevations of the piezometric surfaces show that there is a net downward gradient from the Dune deposit to the Battery Formation. This is the case even though the Battery Formation aquifer is semiconfined by the Marsh deposit.

Figures 2 and 3 shows groundwater elevation contour maps for August 29, 2016, for the Dune (shallow) and Battery (deep) aquifers, respectively. The direction of the groundwater gradient is

similar in both aquifers, ranging from east to southeast at magnitudes ranging from 0.005 to 0.020 feet/foot. This is similar to previous periods.

Both aquifers show a steepening of the gradient generally in the middle part of the site, beneath the central part of the Landfill mound. This is especially apparent in the Battery aquifer; in this area in the Battery aquifer, the gradient steepens from approximately 0.006 feet/foot to 0.020 feet/foot, with the direction remaining generally unchanged.

The groundwater gradient in the Battery Formation aquifer shows another distinct steepening and change of direction in the area bounded by the W-6W Deep, E-4 Deep, and E-3 Deep (between the Landfill mound and the nearest residential wells). In this area, the gradient steepens more, and has a slight change of direction, becoming more easterly.

Although the various wells' screened intervals are not exactly the same, the differences in screened-interval length or elevation is not sufficient to cause such distinct changes in gradient. Possible explanations for the gradient changes are stratigraphic changes and changes in elevation of the top of the St. George Formation.

To the northeast of the Landfill, the Battery Formation (deep aquifer) essentially thins to nothing, with the lower permeability Marsh deposit lying directly on the St. George Formation. Additionally, the top of bedrock is higher in elevation to the northeast, leading to a thinning of the aquifer. The thinner aquifer and decreasing hydraulic conductivity, an increase in the groundwater gradient is to be expected.

WELL REPAIR & EVALUATION

On September 21, 2016, L&A staff conducted surveys of wells SM-6 and W-2. The field notes for that work are as follows:

SM-6

1. Water level - 8.80' below ground surface (bgs).
2. Well has 4" casing approximately 4.5' bgs with no compression.
3. Swab & bail approximately 3.5 gallons of sandy, silty, and turbid water.
4. Surge pump for 3 - 4 minutes, then pump.
5. Pump from bottom of well for 30 seconds @ 4 gpm until dry.
6. Recover after 10 minutes to 13' bgs; pumped 10 seconds until dry.
7. Recover to 14' bgs after 20 minutes.
8. Bail again, but no recovery.
9. Suggest to Tedd Ward that the well needs to be extended up to 4" below grade and have an airtight compression cap installed at well head to stop ground surface water from entering well; he agreed, and the work was conducted the week of 09/28/16).

W-2

1. Open well head at surface with a 1' drop pipe suspended by a steel bracket, sticking a couple of inches above well head.
2. Suggested to Tedd Ward to install a well seal at surface, he agreed, and it was installed the next week (09/28/16).
3. Water level - 7.36' TOC (top of casing).
Video observations:
4. 4" blank casing at surface to 16.5'.
5. 4" screen from 16.5 to 21.5'.
6. 4" blank casing to 25.5'.
7. Open bottom well.
8. No cracks in blank casing or screen to 24.5'.
9. Very murky, difficult to see on video - leaves and silty, sandy muck at bottom of well.
10. Staining on well casing from top of casing all through well.

Development

11. Swabbed & bailed well.
12. Pumped for 1 minute twice @ approximately 3 gpm, until dry each time.
13. Pump sanded in on last attempt.
14. Bailed.
15. Total depth after pumping and bailing - 25.5'.

WATER QUALITY

Table 1 (following text) contains a summary of the second-half results. **Table 2** (following **Table 1**) contains a summary of historical and current VOC detections. **Attachment A** contains laboratory sheets; **Attachment B** contains data tables for general mineral parameters and metals. **Attachment C** contains time-series graphs of general mineral parameters.

As early as 1987, groundwater quality impacts from site operations were noted. The impacts were attributed to different site operations, including the now-closed sludge and whey ponds, and the landfill itself. Closure of the various ponds and capping the landfill, however, has improved groundwater quality in almost all locations.

SOUTHEAST TO SOUTHWEST OF LANDFILL MOUND

Figure 4 shows TDS time-series graphs for the E-1 pair, E-2 Deep, SM-6, W-2 Deep, W-3S, and 8-Shallow, located on the generally southeast to southwest sides (downgradient and crossgradient) of the Landfill.

In the E-1 pair, TDS increased in the period 1996 through 2009, but has decreased since 2009. The overall increase between 1996 and 2015 is statistically significant at the 95% level (statistical sheets are in **Attachment A** in the MRP Update Report). Since closure (2006 to present), TDS in both E-1 wells is decreasing, although the decrease is not statistically significant and E-1 Deep showed a higher TDS in the last two samples (2016). Current TDS value in the shallow aquifer at E-1 is 277 mg/L.

Moving to the southeast and immediately adjacent to the landfill, shallow well SM-6 shows a statistically significant decreasing trend for TDS for 1995 through 2015. Current TDS in SM-6 is less than 100 mg/L. Well E-2 Deep shows no significant trend for its period-of-record (2007 to present). Current TDS in E-2 Deep is 677 mg/L.

Well SM-6 had detections of relatively high concentrations of toluene between September 2012 and September 2013 (see below); toluene was nondetected in November 2014 and March 2015, but detected again in August 2015 and January 2016.

Date	SM-6, Toluene (µg/L)	Date	SM-6, Toluene (µg/L)
6-Sep-12	610	25-Feb-14	1.3
24-Jan-13	1.6	24-Nov-14	<0.5
20-Aug-13	2600	19-Mar-15	<0.5
17-Sep-13	270	18-Aug-15	91
		27-Jan-16	0.90

The patterns of detections (sudden onsets, sudden decreases) is more characteristic of vandalism or the presence of VOC-containing materials in the well, not Landfill influence. As described above, SM-6 was redeveloped, but was unable to be sampled during second-half 2016 as it was dry.

At the immediate southwestern corner of the Landfill, well W-2 Deep is the only site well that currently shows an increasing trend since closure. This location is very close to the landfill, and the groundwater level here likely is very close to the bottom of waste. The TDS in W-2 Deep shows a significant increasing trend since at least 1990, with no apparent changes since closure. Current TDS in W-2 deep is approaching 900 mg/L. VOC have only been detected in this well once, however, in August 2009 (hexachloroethane at 110 µg/L). This detection may reflect non-landfill influence because hexachloroethane also was detected at exactly 110 µg/L in five of the site wells on the same date; it seems unlikely that contamination derived from the landfill would show the same concentration in five wells on the same date. As described above, it appears that surface water had been entering the casing of W-2 Deep. Surface-water inflow should cease because the casing was extended and a water-tight cap installed during second-half 2016.

The two shallow wells in the area southwest of the Landfill mound, W-3 Shallow and W-8 Shallow, are upgradient and crossgradient of the Landfill mound, respectively, although W-3 Shallow is downgradient of former waste ponds. For the period 1988 through 2015, W-3 Shallow showed a significant decreasing trend and W-8 Shallow showed no significant trend. This is consistent with W-3 Shallow being downgradient of the former ponds. After their closure, it would be expected that downgradient groundwater quality would improve. W-8 Shallow is crossgradient of former and current Landfill features, so it would be expected that groundwater quality would remain stable at that location. Current TDS in these wells is approximately 150 mg/L. VOC have been nondetected in W-3 Shallow for the last five years; VOC have always been nondetected in W-8 Shallow.

NORTHEAST TO NORTH OF LANDFILL MOUND (TOWARDS RESIDENTIAL AREA)

Figure 5 shows the time-series graphs for wells northeast to north of the Landfill mound, directly between the Landfill and the closest neighboring wells which are to the northeast of the Landfill property. Monitoring wells between the Landfill and the neighbors are the E-3 and E-4 pairs. The E-3 pair has been monitored since 1996; the E-4 pair was installed in early 2014, and has only a small data set.

Looking at TDS from the period-of-record shows that values were higher in both E-3 Shallow and Deep before closure. Before closure, TDS ranged near or above 1,200 mg/L periodically in these wells. Since closure, TDS has decreased and generally is near or below 300 mg/L currently, although the second-half values were higher than in the recent past. The decreasing trends in these wells since closure is statistically significant.

Both wells have had periodic detections of VOC, although all VOC have been nondetected in E-3 Shallow for the last six years. In E-3 Deep, there were occasional detections of chloroethene, at 1 to 2 µg/L, between 2002 and 2013. Methyl tert-butyl ether (MTBE) was detected in E-3 Deep in 2002 (6.4 µg/L), 2009 (0.52 µg/L), and 2014 (0.74 µg/L). Tert-butyl alcohol (TBA) was detected in E-3 Deep in August 2014 at 13 µg/L. No VOC were detected in either E-3 Shallow or Deep in November 2016. Constituents-of-concern (COC) are analyzed every five years; to date, COC have been analyzed twice since the landfill closure construction was completed, in 2009 and 2014. **Table 2** (following text) summarizes historical organic compound detections.

In the E-4 Shallow and Deep pair (not shown on **Figure 5** because of the short period-of-record), TDS in August 2014 was at 550 mg/L in the shallow aquifer and 460 mg/L in the deep aquifer. MTBE and TBA were nondetected in the shallow aquifer. In the deep aquifer, MTBE was detected at 0.6 µg/L and TBA at 6.9 µg/L in August 2014. The E-4 pair was not sampled for the current event.

At the immediate northern edge of the Landfill mound and crossgradient of the waste, the 6-E Shallow and 6-W Deep pair show no significant trends in TDS for the period-of-record. Since closure, however, both show significant decreasing trends. Over the last five years, TDS has hovered around 200 mg/L for both wells. VOC have always been nondetected in 6-E Shallow; VOC have not been detected since 2001 in 6-W Deep.

In the shallow aquifer farther north and crossgradient of the Landfill mound, well W-10 Shallow shows no significant trends for TDS, although there are distinct seasonal variations in TDS concentrations. TDS generally ranges between 100 and 300 mg/L, seasonally. VOC have always been nondetected.

UPGRADIENT OF LANDFILL MOUND

Figure 6 shows the time-series graphs for wells upgradient of the Landfill mound. The well pair W-1E Deep and W-1W Shallow historically showed relatively high TDS concentrations (500 to 800 mg/L) which were related to the previous waste ponds. After closure of the waste ponds,

TDS in this well pair decreased almost immediately, and has remained relatively constant since. Current TDS values generally are less than 150 mg/L for the deep aquifer and less than 200 mg/L for the shallow aquifer. VOC have always been nondetected in this well pair.

Well SM-7, in the shallow aquifer to the north of the W-1E/W-1W pair, shows a similar pattern. Historic TDS values were as high as 1,200 mg/L because SM-7 was near former waste ponds. After closure, TDS decreased immediately, and since 2006 has been stable, ranging from 100 to 150 mg/L. There was one VOC detection in 2009 (hexachloroethane at 110 µg/L); there have been no other detections during the period-of-record (1996 to present). It is likely that the hexachloroethane detection in 2009 represented outside contamination of some sort, not aquifer conditions.

Upgradient of the Landfill mound and generally outside of the influence of other Landfill features, the W-9 Shallow/Deep well pair has shown consistent water quality since 1997. For that period, TDS in the shallow aquifer here has been consistently just over 240 mg/L. In the deep aquifer, TDS has shown more variability than in the shallow aquifer, ranging between 100 and 250 mg/L. VOC always have been nondetected in this well pair.

COMPARISON TO GROUNDWATER LIMITS

Table 1 (following text) shows the previously established groundwater limits for the shallow aquifer; limits were not established for the deep aquifer.² Of the analyzed parameters, which also have limits, only E-3 Shallows showed exceedances:

- Bicarbonate at 350 mg/L exceeds limit of 272 mg/L
- Calcium at 110 mg/L exceeds limit of 93 mg/L
- Magnesium at 48 mg/L exceeds limit of 42 mg/L

LANDFILL GAS

DNSWMA staff conducted landfill gas monitoring on September 22, 2016, for oxygen, methane, hydrogen sulfide, and carbon monoxide. Methane was non-detected in all probes and oxygen content was at atmospheric concentrations (approximately 21%).

Methane has always been nondetected and oxygen has always been at or near atmospheric concentrations in the compliance probes. There has never been evidence of landfill gas at the property boundary.

In the probes immediately adjacent to the waste, methane had been detected periodically over the last five years in probes G1, G5, G6, G7, and G16 (note that a G designation has been added to the gas probe names herein, for ease of reference and to avoid confusion with groundwater well names; we are not proposing to change the names of any of the probes). **Figures 2 and 3** show probe locations.

² March 27, 1996, rev. October 14, 1996, Winzler & Kelly, *Technical Memorandum – Deliverable for Tasks 2, 3, and 4 of Article 5 Compliance Documents*.

TABLE 1
Summary of Current Monitoring Data - Crescent City Landfill

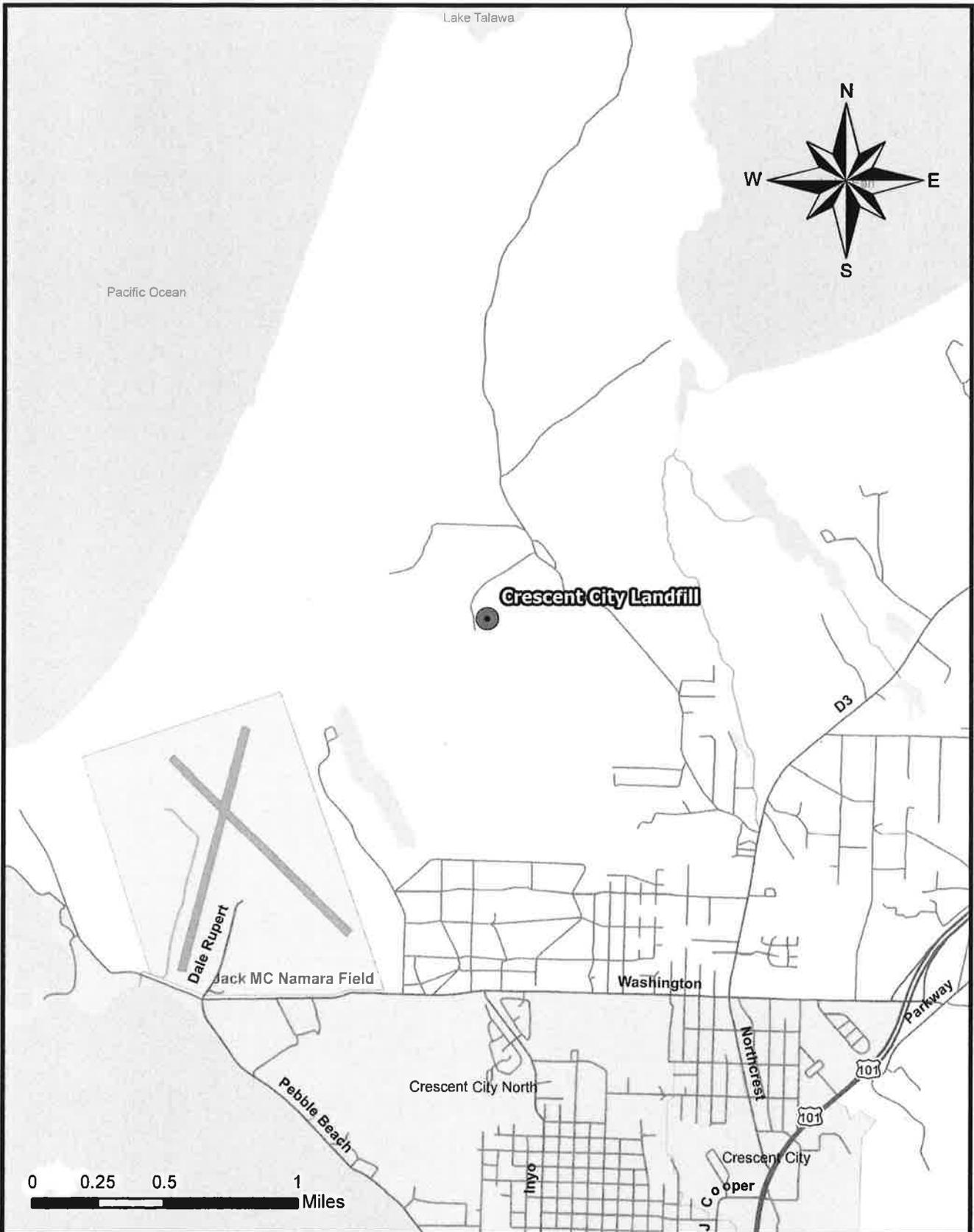
Point	Date	TDS (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Alkalinity (mg/l)	Conductivity (umhos/cm)	pH (units)	Nitrate (mg/l)	Fluoride (mg/l)	Bicarbonate (mg/l)	Carbonate (mg/l)	COD (mg/l)	Calcium (mg/l)
E-1_DEEP	08/29/16	656	n/a	<0.50	300	925	6.99	<0.10	<0.10	300	<1.0	7.9	39
E-1_SH	08/29/16	278	n/a	<0.50	140	390	7.04	<0.10	<0.10	140	<1.0	<5.0	12
E-2_DEEP	08/29/16	677	n/a	<0.50	420	957	7.7	<0.10	<0.10	420	2	<5.0	110
E-3_DEEP	08/29/16	658	n/a	1.4	420	930	7.06	<0.10	<0.10	420	<1.0	13	81
E-3_SH	08/29/16	581	n/a	4.7	350	817	6.99	0.39	<0.10	350	<1.0	18	110
E-4_DEEP	NS												
E-4_SH	NS												
W-1W_SH (BKGR)	08/30/16	160	n/a	<0.50	170	226	7.95	<0.10	<0.10	170	1.4	<5.0	58
W-1E_DEEP (BKGR)	NS												
W-2_DEEP	08/30/16	854	n/a	<0.50	400	1201	7.16	<0.10	<0.10	400	<1.0	6.6	110
W-3S_SH	08/30/16	230	n/a	0.88	130	335	7.13	<0.10	<0.10	130	<1.0	34	21
W-6E_SH	08/29/16	237	n/a	2.4	130	335	7.36	<0.10	<0.10	130	<1.0	<5.0	26
W-6W_DEEP	08/29/16	216	n/a	<0.50	120	305	7.25	<0.10	<0.10	110	<1.0	9.6	13
W-8_SH	08/29/16	135	n/a	<0.50	73	190.4	7.26	<0.10	<0.10	72	<1.0	5.9	13
W-9_SH (BKGR)	08/29/16	166	n/a	3.5	63	233	7.04	<0.10	<0.10	63	<1.0	13	5.2
W-9_DEEP (BKGR)	08/29/16	301	n/a	2.8	88	425	7.48	<0.10	<0.10	88	<1.0	19	26
W-10_SH	08/30/16	322	n/a	4.6	180	463	8.36	<0.10	<0.10	180	3.8	5	55
SM-6_SH	NS												
SM-7_SH (BKGR)	08/30/16	190	n/a	3.6	75	269	7.84	<0.10	<0.10	74	<1.0	<5.0	11
S-1	08/30/16	227	n/a	n/a	n/a	320	8.2	<0.10	n/a	n/a	n/a	23	9.2
S-2	08/30/16	562	n/a	n/a	n/a	798	6.91	0.41	n/a	n/a	n/a	260	63
S-3	08/30/16	225	n/a	n/a	n/a	319	7.83	0.41	n/a	n/a	n/a	24	21
L-3	NS												
110-140-24	NS												
110-140-16	NS												
Tolerance Interval for Shallow Aquifer:		760	134	18	NE	960	6.7 - 9.3	NE	NE	272	NE	241	93

Notes: NS = Not sampled. NE = Not Established. Only VOC and metals that were detected are listed.

TABLE 1
Summary of Current Monitoring Data - Crescent City Landfill

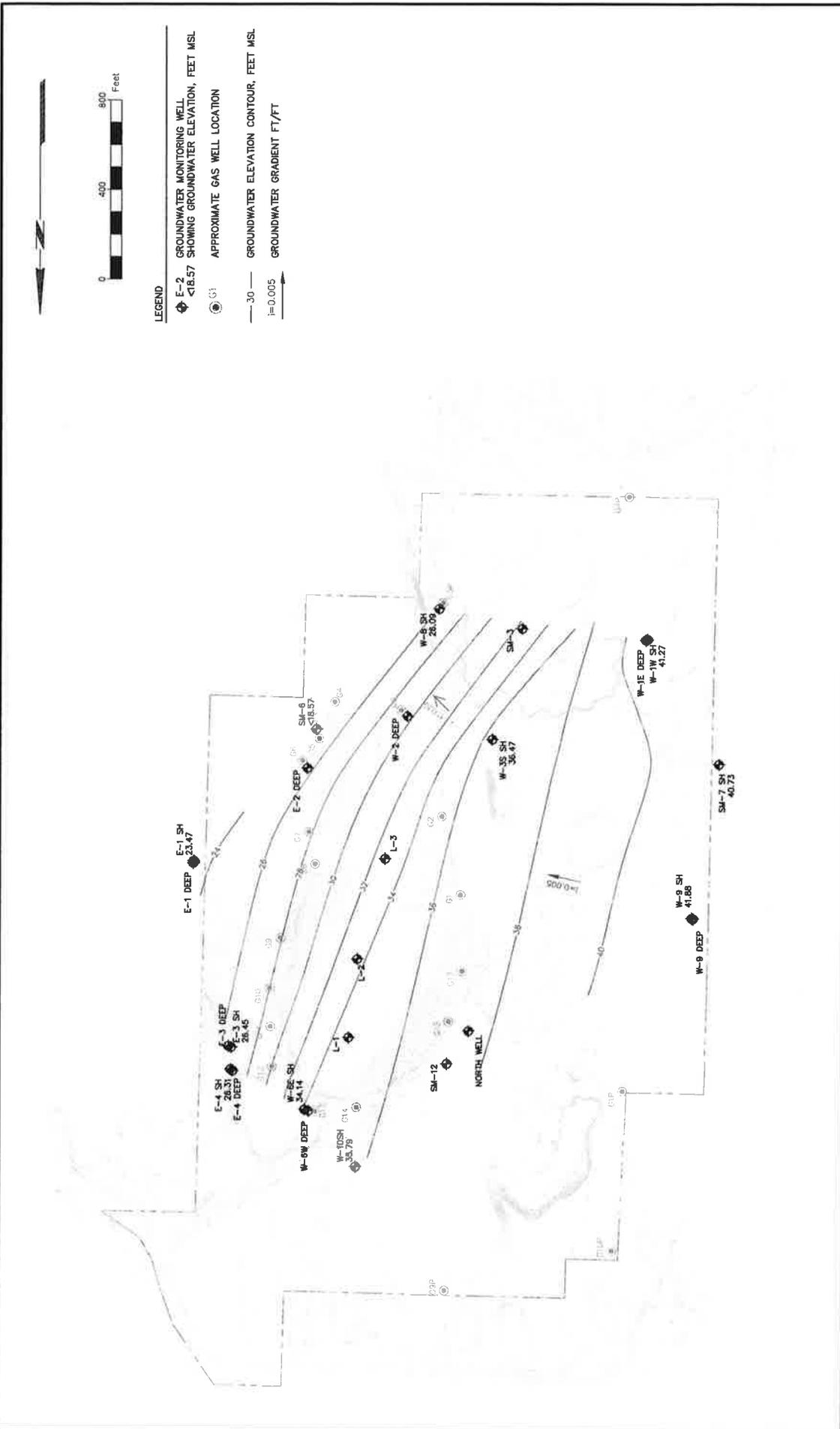
Point	Date	Magnesium (mg/l)	Manganese (mg/l)	Potassium (mg/l)	Sodium (mg/l)	Hardness (mg/l)	Zinc (mg/L)	Arsenic (mg/L)	Nickel (mg/L)	Barium (mg/L)	Cobalt (mg/L)	Iron (mg/L)
E-1_DEEP	08/29/16	49	1.8	4.7	28	300	0.016	<0.005	0.017	0.018	0.0062	20.000
E-1_SH	08/29/16	13	0.21	9.8	13	83	0.017	0.0091	0.0071	0.017	<0.005	9.500
E-2_DEEP	08/29/16	71	0.64	3.6	18	560	0.016	0.029	0.0067	0.013	<0.005	0.029
E-3_DEEP	08/29/16	42	1.5	16	11	380	0.014	<0.005	<0.005	0.017	<0.005	2.500
E-3_SH	08/29/16	48	0.2	4.9	7.8	460	<0.010	<0.005	0.011	0.0078	<0.005	<0.015
E-4_DEEP	NS											
E-4_SH	NS											
W-1W_SH (BKGR)	08/30/16	12	0.2	1.1	12	190	<0.010	<0.005	0.0056	<0.005	<0.005	0.150
W-1E_DEEP (BKGR)	NS											
W-2_DEEP	08/30/16	98	6.8	0.77	16	690	0.013	0.026	0.020	0.011	0.0064	6.000
W-3S_SH	08/30/16	21	0.3	1.3	11	140	<0.010	0.017	0.110	<0.005	0.010	6.500
W-6E_SH	08/29/16	19	0.095	0.88	12	140	<0.010	<0.005	0.0056	<0.005	<0.005	0.075
W-6W_DEEP	08/29/16	22	0.26	0.93	12	120	<0.010	<0.005	<0.005	<0.005	<0.005	2.900
W-8_SH	08/29/16	11	0.018	0.67	6	79	<0.010	<0.005	<0.005	<0.005	<0.005	0.062
W-9_SH (BKGR)	08/29/16	20	0.077	1.3	8.4	94	<0.010	0.0087	0.017	<0.005	<0.005	1.900
W-9_DEEP (BKGR)	08/29/16	13	0.0021	0.66	7.5	120	<0.010	<0.005	<0.005	<0.005	<0.005	<0.015
W-10_SH	08/30/16	20	0.024	1.1	16	220	<0.010	<0.005	0.0056	<0.005	<0.005	0.021
SM-6_SH	NS											
SM-7_SH (BKGR)	08/30/16	12	0.079	8	7	77	<0.010	<0.005	0.0083	<0.005	<0.005	0.065
S-1	08/30/16	27	0.031	7.6	13	140	0.052	<0.005	0.0099	0.0086	<0.005	0.490
S-2	08/30/16	38	0.78	9.8	16	310	0.025	<0.005	0.0097	0.040	<0.005	0.190
S-3	08/30/16	23	0.33	2.6	9.9	150	0.020	<0.005	0.0096	0.010	<0.005	1.600
L-3	NS											
110-140-24	NS											
110-140-16	NS											
Tolerance Interval for Shallow Aquifer:		42	0.6	NE	42	NE	NE	NE	NE	NE	NE	NE

Notes: NS = Not sampled. NE = Not Established. Only VOC and metals that were detected are listed.



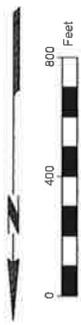
SITE VICINITY MAP

PROJECT NAME: CRESCENT CITY L.F.	PROJECT 015063.00	DATE: 4/22/2016
CLIENT: DNSWMA	DRAWN BY: D. ZAITZ	FIGURE 1
SCALE: 1 in = 0.5 miles	CHECKED BY: B. LAMPLEY	

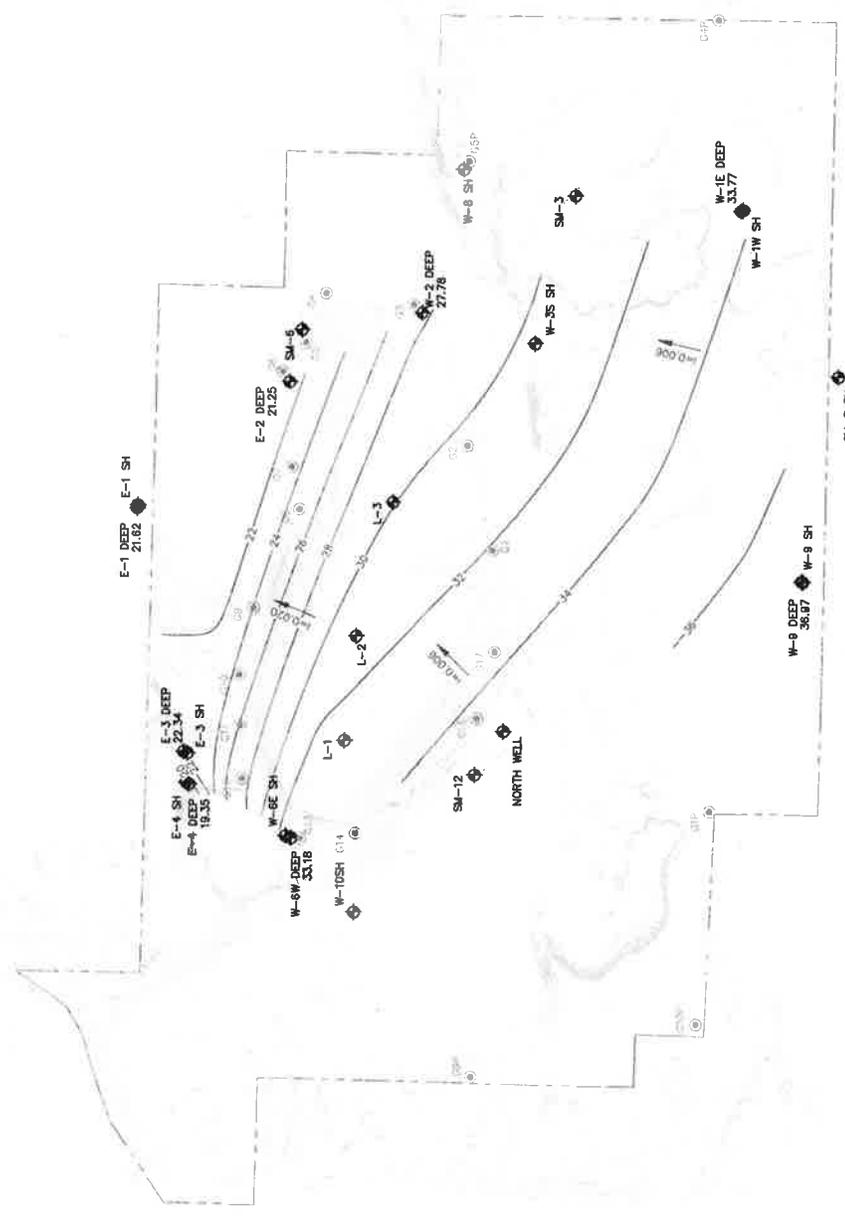


 LAWRENCE & ASSOCIATES ENGINEERS & GEOLOGISTS	SHALLOW AQUIFER GROUNDWATER ELEVATION AUGUST 29, 2016		DEL NORTE SOLID WASTE MGMT. AUTHORITY	PROJECT NO: 015063.00	SCALE: 1" = 400'
	CRESCENT CITY LANDFILL		DRAWN BY: J. BEERS	DATE: 1/24/2017	FIGURE 2

P:\015063.00_mw_data_landfill\gw-mwfig2.dwg J.R.B. 1/24/2017



- LEGEND**
- ◆ E-2 GROUNDWATER MONITORING WELL SHOWING GROUNDWATER ELEVATION, FEET MSL
21.25
 - ⊙ G1 APPROXIMATE GAS WELL LOCATION
 - 22 — GROUNDWATER ELEVATION CONTOUR, FEET MSL
I=0.006 GROUNDWATER GRADIENT FT/FT



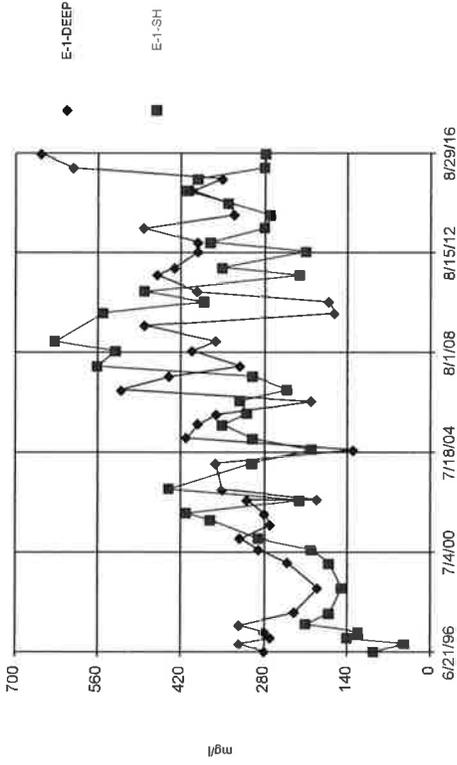
DEL NORTE SOLID WASTE MGMT. AUTHORITY CRESCENT CITY LANDFILL	PROJECT NO: 015063.00	SCALE: 1" = 400'
	DRAWN BY: J. BEERS	DATE: 1/24/2017
	CHECKED BY: B. LAMPLEY	FIGURE 3

**DEEP AQUIFER
GROUNDWATER ELEVATION
AUGUST 29, 2016**



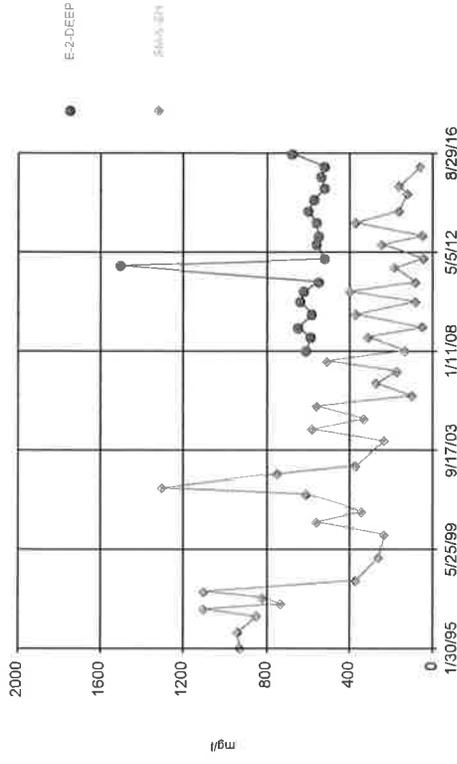
\\015063.00-016.mxd made 1/24/2017 10:46:16 AM 1/24/2017

TDS



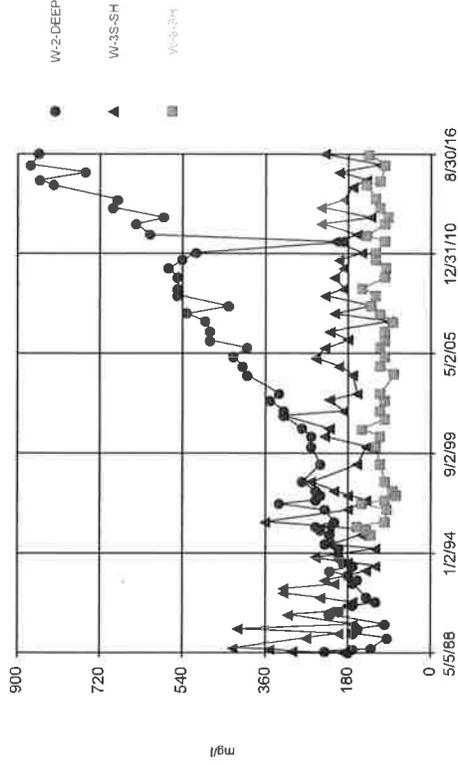
Time Series Analysis Run 1/23/2017 2:18 PM View: DEEP
Facility: Crescent City Landfill Data File: CCLF_Stats

TDS



Time Series Analysis Run 1/23/2017 2:19 PM View: DEEP
Facility: Crescent City Landfill Data File: CCLF_Stats

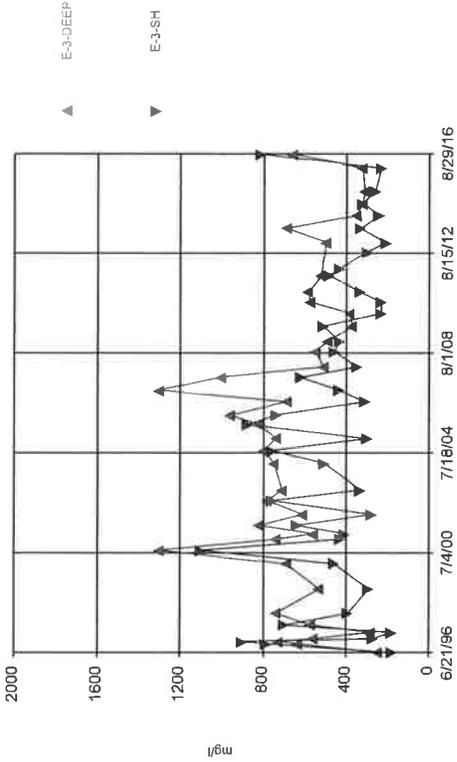
TDS



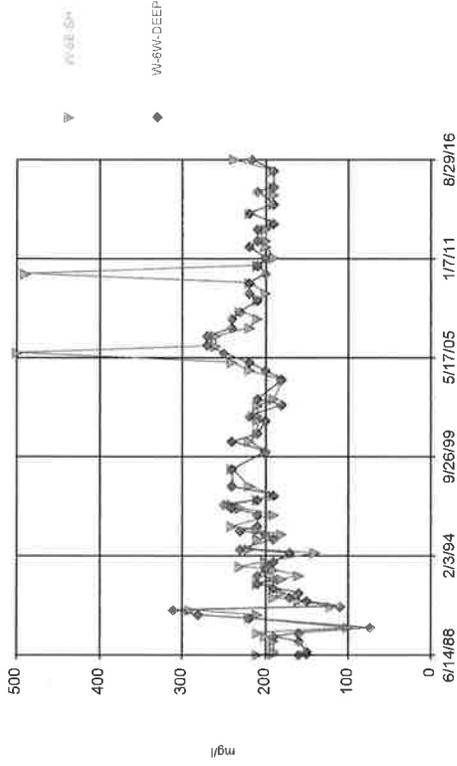
Time Series Analysis Run 1/23/2017 2:20 PM View: DEEP
Facility: Crescent City Landfill Data File: CCLF_Stats

FIGURE 4

TDS



TDS



TDS

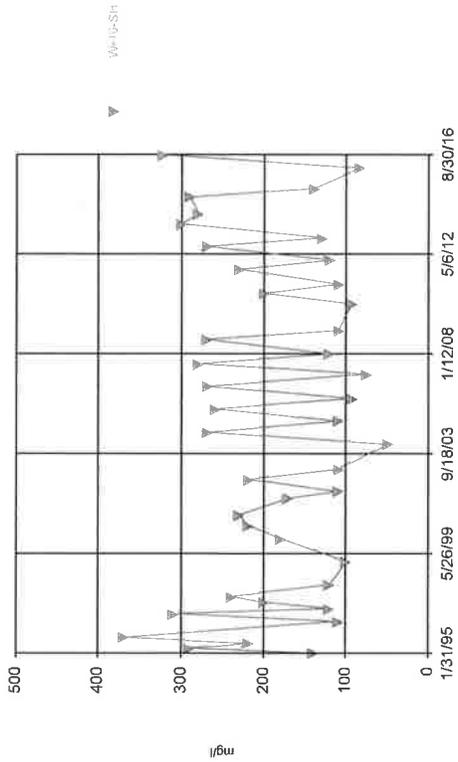
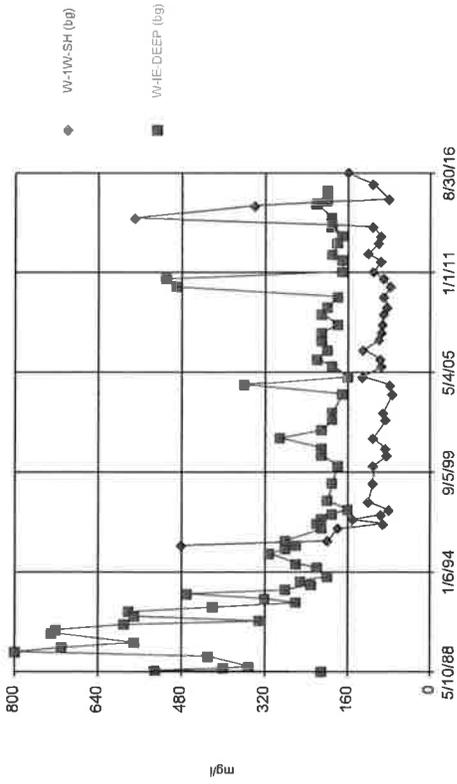
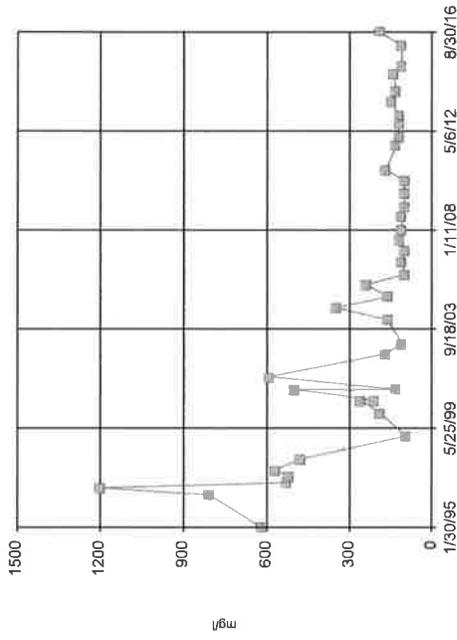


FIGURE 5

TDS



TDS



TDS

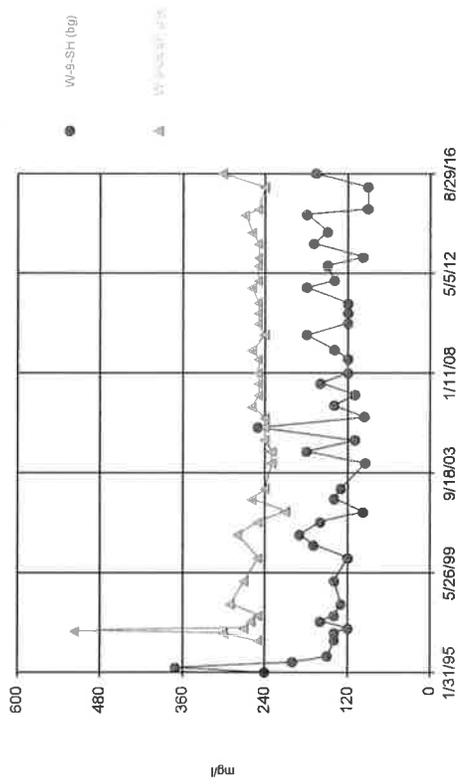


FIGURE 6

ATTACHMENT A
FIELD DATA & LABORATORY SHEETS

Kayleen Warner

Weather: Sunny
Barometer: 38.14

Sampled by: KW
Date: 9-22-16
Location:

Crescent City Landfill (closed)

Well /
Monitoring Point

Monitoring Point	Purged?	Compliance point?	CH4 % LEL	O2 %	H2S ppm	CO ppm	Time	Order	Comment	Date Collected
1	yes			20.9		0	8:54 AM	1		
2	yes			20.9		0	8:53 AM	2		
3	yes			20.9		0	8:57 AM	3		
4	yes			20.9		0	9:00 AM	4		
5	yes			20.9		0	9:16 AM	5	Calibrated!	
6	yes			20.9		0	9:24 AM	6		
7	yes			20.9		0	9:28 AM	7		
8	yes	yes		20.9		0	9:40 AM	8		
9	yes					0		9	Skip due to safety concerns	
10								10	Missing!	
11	yes			20.9		0	10:02 AM	11	No cap	
12	yes			20.9		0	10:15 AM	12	Plug needed	
13	yes			20.9		0	10:30 AM	13		
14	yes			20.9		0	10:35 AM	14		
15								15	Missing!	
16	yes			20.9		0	9:45 AM	16		
17	yes			20.9		0	8:50 AM	17		
18	yes	yes		20.9		0	10:40 AM	18		
19								19	Destroyed / missing	
20	yes	yes		20.9		0	10:55 AM	20	Plug needed	
21	yes	yes		20.9		0	11:05 AM	21	Plug needed	
22								22	Replaced by well 8	
23	yes	yes		20.9		0	11:20 AM	23		
24	yes	yes		20.9		0	11:22 AM	24		
25	yes	yes		20.9		0	11:40 AM	25		
26	yes	yes		20.9		0	11:55 AM	26		

8/29

Kuckel

Source Pump	Description for Final map	NEW Measured Depth	Measured Depth feet	PURGE VOLUME	Date	Time	Initials of sampler	Temp °F	Specific Conductance (uS)	pH	Salinity	tds	Comments / Flow
g/w/d	E-1 Deep 29.01	56.25	29.07	54	8-29-16	12:50p	MP&EL	56.5	925	6.99	440	656	
g/w/d	E-1 Shallow 29.24	33.08	29.26	8		12:55pm	MP&EL	56.7	370	7.024	183	278	*Dry @ 5 7:40
g/w/d	E-2 Deep 5.21	45.30	5.61	79	8-29-16	9:58	MP&EL	56.8	457	2.70	457	677	
g/w/d	E-3 Deep 34.26	58.60	34.22	49	"	11:30am	MP&EL	56.8	430	7.06	445	658	
g/w/d	E-3 Shallow 31.26	36.55	31.17	11	8-29-16	11:50am	MP&EL	58.7	817	6.99	389	581	
g/w/d	W-1E Deep 18.44	49.65	-	-			MP&EL						Dry @ 11:43
g/w/d	W-6W Deep 13.21	45.45	14.22	62.05	8-29-16	10:47am	MP&EL	56.8	305	7.25	143	216	Dry @ 2:23
g/w/d	W-6E Shallow 12.52	37.00	12.72	48		11:05am	MP&EL	57.1	335	7.30	155	237	
g/w/d	W-8 Shallow 27.49	39.18	27.51	22.1		11:18	MP&EL	66.4	190.4	7.24	90.2	135	
g/w/d	W-9 Deep 24.12	68.95	24.14	89.6		1:45	MP&EL	56.3	425	7.48	197	301	
g/w/d	W-9 Shallow 11.22	20.52	11.21	18.5		2:00	MP&EL	58.8	233	7.04	106	166	
g/w/m	W-1W Shallow 11.23	19.21	11.23	15.76	8-30-16	11:57 AM	MP&EL	60.9	226	7.95	106	160	
g/w/m	W-2 Deep 12.41	25.35	5.03	40.64	8-30-16	11:31 AM	MP&EL	58.2	1801	7.16	578	854	Dry @ 10:30
g/w/m	W-3S Shallow 7.22	21.00	7.13	27.24	8-30-16	11:00 AM	MP&EL	58.9	335	7.13	157	230	
g/w/m	W-10 Shallow 9.23	14.00	9.70	8.66	8-30-16	9:23 AM	MP&EL	60.8	463	8.36	218	328	
g/w/m	SM-7 Shallow 16.2	18.54	9.45	17.78	8-30-16	12:40 PM	MP&EL	58.7	269	7.84	125	190	
hand	E-4 Shallow 32.03	39.40	32.05	11.7			MP&EL						Dry @ 2.5 - 8:00 PM
hand	E-4 Deep 38.57	69.97	38.59	60.8			MP&EL						
g/w/hose	SM-6 Shallow	13.00					MP&EL						Dry @ .
hose	L-3	60.91					MP&EL						
sw	S-1 Surface				8-30-16	11:08 AM	MP&EL	66.2	310	6.22	157	227	
sw	S-2 Surface				8-30-16	10:50 AM	MP&EL	58.7	488	6.97	378	562	
sw	S-3 Surface				8-30-16	12:40 PM	MP&EL	58.2	319	7.83	148	225	

20.52
11.24
1.25

extension 26 feet
in track
pump

minimal zero suction on
submersible pump



Del Norte Solid Waste Management Authority

1700 State Street, Crescent City, CA 95531

Phone (707) 465-1100 Fax (707) 465-1300

www.recycledelnorte.ca.gov

The Authority's mission is the management of Del Norte County solid waste and recyclable material in an environmentally sound, cost effective, efficient and safe manner while ensuring 100% regulatory compliance with law.

Staff Report

Date: 15 February 2017
To: Commissioners of the Del Norte Solid Waste Management Authority
From: Tedd Ward, M.S. – Director
File Number: 180510 – Recology Del Norte
Topic: Recyclables collected and processed by Recology Del Norte and the Humboldt Waste Management Authority (HWMA)

Summary / Recommendation: Staff recommend the Board take each of the following actions:

1. **Appoint two Commissioners to an Ad Hoc Recycling and Processing Committee to meet with representatives from Recology Del Norte on February 23, 2017 and as often as needed, to discuss and develop options for collecting, processing, and managing recyclables collected by Recology Del Norte in Del Norte County. Staff also recommend that the Authority's legal counsel be invited to all meetings with Recology upper-level management.**
2. **Direct staff to confer with staff from the Humboldt Waste Management Authority and/or the North Coast Recycling Market Development Zone to explore strategies and options for enhancing and/or supporting regional infrastructure for processing recyclable and compostable materials.**
3. **Select one of the following options to reduce the availability of the community drop-off bins until the contamination is reduced to an acceptable level or an alternative processing method is secured:**
 - A. **Immediately remove the following community dropoff locations until further notice: Smith River Post Office, Ship Ashore Resort, Fort Dick Fire, Del Norte County Fairgrounds, or**
 - B. **Place trash bins at the above locations with signage indicating that NONE of the materials placed in these bins has been recycled since January due to the high proportion of trash, and that these bins will be removed permanently at the end of March. Such signage will explain remaining legal trash and recycling options.**

Background: Since January of this year, all materials recycled by Recology Del Norte depend upon a temporary processing arrangement with Humboldt Waste Management Authority (HWMA). Due to the high (>25%) proportion of trash and other non-recyclable items in the materials collected as 'recyclable', only about one third of the materials currently collected under Recology Del Norte's recycling programs are actually being recycled. HWMA has communicated to Recology Del Norte that further loads with similarly high levels of contamination would be rejected as recyclables and disposed as trash.

At the December 2016 Authority meeting, the Board adopted Collections Change Order 9, which eliminated cartons, styrofoam, film plastics and hard plastics from the list of recyclable materials and authorized Chair Inscore to pre-approve disposal of materials collected as recyclable if those materials would likely be rejected by the processor. Under that Change Order, Recology Del Norte is to present a Processing agreement to the Authority Director on or before March 31, 2017.

Outreach and education efforts were quickly instituted to try and bring awareness of the situation to residents and collection customers throughout the region. In addition, the Authority adopted the following enforcement steps for Recology collection service customers who repeatedly contaminate their recycling with trash: 1) Notice, 2) Warning, 3) Non-Collection Tag and Bill for disposal of material in recycling cart(s) as trash, 4) Recycling Service Termination Notice.

Analysis: Recology has secured temporary space near Elk Valley Road to lightly screen (i.e. remove trash from) recyclables from two residential routes and one commercial route prior to loading and trucking those materials to HWMA.

Recology has not, however, processed any of the community bins due to the large proportion of trash (40-60%) contamination, and the lack of space and personnel to screen the materials. Both Recology and Authority staff recommend reducing the number of community recycling bins, as all materials from these bins will continue to be disposed as trash until and unless the proportion of trash can be dramatically reduced.

Recyclables processing and reducing contamination in the recycling stream have been primarily Recology Del Norte's responsibilities. Since 2013 when plastics markets began to decline, over 800 California recycling centers have closed. Over 350 recycling centers closed in 2016 alone. With only three recycling centers currently remaining between Del Norte County and Santa Rosa, Recology is challenged to continue meeting these responsibilities. The bottom line is there are fewer facilities that might be able to process recyclable materials in general, and fewer materials are being recycled from Del Norte, though Recology's costs to recycle those materials has increased dramatically.

Challenges to reducing contamination at the community drop-off bins include the following:

- 1) these bins are accessible 24/7 (except when they are being emptied),
- 2) it costs customers nothing to use them, and
- 3) there are no personnel on site for outreach or to monitor the bins.

Recently a customer called Recology upset that she could no longer figure out what slot to dispose of her trash in at the community bin at the fairgrounds and that she has always put her trash in there and was not willing to pay for trash service. This example points out the difficulties of open access bins and the misuse that unfortunately is too widespread in Del Norte County.

Recent efforts to reduce contamination include signage posted in front of each of the community drop-off bins, as well as radio ads on KCRE, KPOD and KFUG. Despite these efforts, contamination at all community bins remains well beyond acceptable levels and continuing to give the public the perception that material placed in these bins will be recycled is disingenuous when the ALL the materials from these community bins will continue to be disposed of as trash for the foreseeable future. Staff recommends reducing the number of community drop-off bins from seven to three by removing the bins from the following locations:

1. Smith River Post Office
2. Ship a Shore (Smith River)
3. Fort Dick Fire Station
4. Del Norte County Fairgrounds

Authority staff will work with Recology in efforts to continue to reduce the volume of trash from the bins at the Gasquet, Klamath and Del Norte County Transfer Station. If unsuccessful, continuation of these drop-off recycling services at these remaining locations should be re-evaluated at a later date.

General Manager Jeremy Herber has arranged for the management team from Recology to meet with the Authority on February 23, 2017 to discuss scenarios for dealing with the current issues facing the community. Staff recommend that the Authority Board designate an Ad Hoc committee to meet with them to discuss potential strategies for processing recyclable materials collected by Recology Del Norte.

To control transport costs associated with shipping recyclable materials from Del Norte, there needs to be a facility in Del Norte capable of sorting, processing and baling recyclable materials. If Recology cannot secure and maintain a Processor to provide these services, Authority staff and Recology will need to develop a strategic approach to develop processing capacity in Del Norte.

Towards this end, staff recommend continue to discuss these issues with colleagues from the Humboldt Waste Management Authority so that all actions to develop

processing infrastructure are made with an eye towards how those developments might serve the interests of both agencies.

Alternatives: The following alternatives are in addition to the recommended actions to reduce contamination of recyclables collected by Recology Del Norte.

1. Placing the community bins behind fences which may be locked overnight, install camera surveillance, use volunteers or temporary staff to patrol the bins. These options would be costly, would take time to implement, and are not likely to rapidly or adequately reduce the proportion of trash in the recyclables placed in or near the community bins.

2. Take no action. While the Board previously chose to take no action regarding the community bins, ***all materials from these bins are currently being disposed as trash.*** This fact undermines the concept that these are community recycling bins, and should be cause to initiate an assessment as to how these materials might be more effectively collected and managed. In practice, these locations have effectively become community disposal areas, though that was never the purpose of these community drop-off recycling bins.

Related Issues: The collections franchise agreement with Recology Del Norte requires that they process the materials they collect as recyclables or they have a Processing contractor to provide those services. Under Collections Change Order 9, this requirement has been temporarily waived through March 2017.

As required by the California Integrated Waste Management Act and other state recycling mandates, the Authority Board has committed to support recycling programs to maintain waste diversion goals and programs described in the adopted Regional Agency Integrated Waste Management Plan. Abandoning all recycling programs would make the Authority vulnerable to regulatory and/or enforcement action by CalRecycle.



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Staff Report

Date: 15 February 2017
To: Commissioners of the Del Norte Solid Waste Management Authority
From: Tedd Ward, M.S. – Director
Attachments: Emails between Recology and Authority Director
File Number: 180510 – Recology Del Norte
Topic: Approval for disposal of materials collected as recyclables by Recology Del Norte

Summary / Recommendation: Status report; no action required.

Background: Recology Del Norte continues to rely upon a temporary processing arrangement with Humboldt Waste Management Authority (HWMA) for processing Del Norte County's recyclable materials. After the initial loads were delivered at their processing site in early January, HWMA notified Recology that a relatively high proportion (>25%) of non-recyclable items and materials exists in Del Norte's recycling stream, including materials which were recently removed¹ as recyclables due to the collapse of many plastics recycling markets. They indicated further loads with similar levels of contamination would be rejected as recyclables and disposed as trash.

On January 6, 2017 Chair Inscore and Director Tedd Ward met with Recology General Manager Jeremy Herber to view the stockpile of recyclables in the building near Elk Valley Road used by Recology for this purpose. Chair Inscore granted a one-time approval to dispose of the observed materials with the agreement that any subsequent disposal of materials collected as recyclables would follow the special DNSWMA meeting of January 10, 2017.

At that meeting the Del Norte Solid Waste Management Authority Board authorized Chair Inscore to pre-approve disposal of materials collected as recyclable if those materials would likely be rejected by the processor. This disposal authorization will expire after March 21, 2017, if not extended by the Authority Board. Under Change Order 9, Recology Del Norte is to present a Processing agreement to the Authority Director on or before March 31, 2017.

Analysis: Recology has secured temporary space to lightly screen (i.e. remove trash from) recyclables from two residential routes and one commercial route prior to loading and trucking those materials to the HWMA facility in Eureka, CA. This effort involves the use of two temporary workers, has significantly increased the cost to recycle, and is not sustainable on a financial or practical basis. From January 16 to February 10 Recology lightly screened approximately 45-50% of the total recycling volume generated in Del Norte County. Of this amount, 28-31% is disposed of as trash or 35-45 yards per load. Approximately nine tons of recyclables per load are being recovered with five successful loads delivered to HWMA. Recently one of the temporary employees resigned slowing the processing while a replacement sorter is hired.

Recology has not processed any of the community bins however due to the large proportion of trash (40-60%) contamination, and the lack of space and personnel to screen the materials. Both Recology and Authority staff recommend reducing the number of community recycling drop-off bins, as all materials from these bins will continue to be disposed as trash until and unless the proportion of trash can be dramatically reduced.

Related Issues: The Authority Board has committed to support recycling programs to maintain waste diversion goals and programs described in the adopted Regional Agency Integrated Waste Management Plan as required by the California Integrated Waste Management Act and other state recycling mandates.

The collections franchise agreement with Recology Del Norte requires that they process the materials they collect as recyclables or they have a Processing contractor to provide those services. Under Collections Change Order 9, this requirement has been temporarily waived for 90 days starting January 1, 2017.

ⁱ Collections Change Order 9, approved by the Board December 20, 2016 eliminated cartons, styrofoam, film plastics, and hard plastics from the list of recyclable materials.

Tedd Ward

From: Jeremy Herber <JHerber@recology.com>
Sent: Tuesday, February 14, 2017 11:24 AM
To: Tedd Ward; Kayleen Warner
Subject: Weekly Recycling update

Tedd,

This last week we have been able to screen approximately 45%- 50% of the recyclable volume in Del Norte. When we say screening, we mean a light Passover to remove obvious contaminants. The routes that are consistently being processed are the following:

131 Residential Curbside Recycling
132 Residential Curbside Recycling
133 Commercial Recycling

Recology has not processed any of the community bins in the last week and a half due to large contaminants in containers
And not having the room or personnel to process at this time.

Of the volume of materials being processed, approximately 27% - 30% of each load is removed as trash. Our trailer has the ability
To carry 136 Yards of recyclables. We average 35 – 45 yards of trash removed from each load. Our average weight of material being loaded
On the truck as recyclables is approximately 9 tons each load.

Our last load to Humboldt was on February, 9th, 2017. This has been our 5th successful load.
We have lost one of our temp employees and are searching for a replacement. This has slowed our processing till we can find a replacement sorter.
The clean cardboard from our commercial route is being picked up separately and delivered to Julindra's for processing.

I will continue to update you weekly as requested.

Thanks,

Jeremy Herber
General Manager

Recology Del Norte™ | P.O. Box 1933 | Crescent City, CA 95531
T: 707.464.4181 | Jherber@recology.com



Please consider the environment before you print this email.

Tedd Ward

From: Tedd Ward <tedd@recycledelnorte.ca.gov>
Sent: Tuesday, January 24, 2017 8:54 AM
To: 'Blake Inscore'
Cc: 'Jeremy Herber'; 'Kayleen Warner'; 'Ed Farewell'
Subject: RE: Response to Request from Recology Del Norte and Request for Information

Jeremy:

Today Chair Inscore, Kayleen Warner and myself discussed with you the process you are following to market recyclables and inspected the materials Recology has been removing from the recyclables collected under the Franchise.

Chair Inscore approved your request to continue disposing of recyclables that are either extremely contaminated or loads that Recology does not have the ability to process, and would apply from January 24 through February 23rd, 2017.

We are very happy to learn that at least some of the recyclables are being processed and marketed. I request that for each week (Monday - Sunday) that this disposal of recyclables continues, that you summarize the following information:

1. Approximately what percentage by volume of the materials collected as recyclable by Recology are being processed?
2. Of the volume of materials that are being processed, approximately what % of those materials are being disposed as trash?
3. What was the total volume or weight of the materials that were actually recycled during that week?

Thanks,

Tedd Ward, M.S. – Director
Del Norte Solid Waste Management Authority
1700 State Street
Crescent City, CA 95531

707-465-1100 office
707-465-1300 fax
707-954-0953 mobile

-----Original Message-----

From: Tedd Ward [mailto:tedd@recycledelnorte.ca.gov]
Sent: Monday, January 23, 2017 11:12 AM
To: 'Blake Inscore' <binscore@cc.crescentcity.org>
Cc: 'Jeremy Herber' <JHerber@recology.com>; 'Kayleen Warner' <kayleen@recycledelnorte.ca.gov>
Subject: Request from Recology Del Norte - Response Requested

Chair Inscore:

The current approval to dispose of recyclable materials collected by Recology Del Norte expires today.

Here is the most recent request from Recology re. the potential disposal of collected recyclables:

(The following is from Jeremy Herber, Recology Del Norte General Manager)

I wanted to provide the Del Norte Solid Waste Authority with the latest update and also request another extension To dispose recyclables that are either extremely contaminated or loads that we do not have the ability to process.

Since our meeting on January 10th, we secured two temporary workers to hand sort trash on the ground prior to loading.

On January 17th, 2017 we delivered our first acceptable load to Humboldt Waste Authority and recently on January 19th delivered another acceptable load. Due to the limits of our building we are using to hold the recyclables, we only have enough Room for two temporary employees to sort material. We are able to keep up with both residential routes and the commercial route only.

We have been inspecting the community bins daily and have not seen any changes in the contamination and have continued to Dump those as trash. We have been steadily moving forward with radio and newspaper advertisements along with finalizing the Paperwork to post at the community bins per Director Tedd Ward's request. Recology will continue to help educate and provide the latest Information to our customers to request they recycle responsibly.

This request is for pre-approval of disposal of recyclables that are either extremely contaminated or loads that we do not have the ability to process, and would apply from January 24 through February 23rd, 2017.

Feel free me to call if you would like to discuss this.

Thanks,

Tedd Ward, M.S. – Director
Del Norte Solid Waste Management Authority
1700 State Street
Crescent City, CA 95531

Tedd Ward

From: Blake Inscore <binscore@cc.crescentcity.org>
Sent: Thursday, January 12, 2017 12:05 PM
To: Tedd Ward
Cc: Jeremy Herber
Subject: Re: Disposal Request for Recyclables collected by Recology Del Norte

Tedd & Jeremy,

As authorized the Solid Waste Management Authority I grant permission for the disposal of material collected as recyclables at the Del Norte County Transfer Station through January 23, 2017. After that point I will need to make a visual inspection of the incoming recyclables before granting any further authorization for disposal.

Blake Inscore
Chair, Solid Waste Management Authority

On Thu, Jan 12, 2017 at 9:08 AM, Tedd Ward <tedd@recycledelnorte.ca.gov> wrote:

Chair Inscore:

At yesterday's meeting, the Board approved having the Chair pre-approve disposal of materials collected by Recology Del Norte as recyclable upon Recology's request. As you saw last week, the level of contamination of the recyclables as currently collected far exceeds the acceptable % contamination for Humboldt Waste Management Authority, which is currently ready to receive this material.

It will take at least 10-14 days for the changes approved by the Authority Board to have any noticeable reduction in the level of contamination.

So at least through January 23rd, do you as Chair grant permission to dispose of materials collected as recyclables by Recology Del Norte at the Del Norte County Transfer Station? Please reply and/or advise how you would prefer to have these materials managed.

After that point, Randy of Recology Del Norte will be inspecting the incoming recyclables, and if contamination is too high, those material will be sent for disposal, as will the materials collected at all community drop-off locations. These loads are weighed and recorded as 'Route 66' in our records, so we can document how much 'recycling' material has been managed as trash.

Thanks,

Tedd Ward, M.S. – Director

Del Norte Solid Waste Management Authority

1700 State Street

Crescent City, CA 95531

707-465-1100 office

707-465-1300 fax

707-954-0953 mobile

--

Blake Inscore

Mayor

City of Crescent City

CHANGE ORDER 3

CONTRACT: PROFESSIONAL SERVICES AGREEMENT
PROJECT: CRESCENT CITY LANDFILL ENVIRONMENTAL SERVICES

CONTRACTOR: LAWRENCE & ASSOCIATES
AGENCY: DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
SUBJECT: ENGINEERING SERVICES FOR DEL NORTE TRANSFER STATION
CONCRETE FLOOR REPAIR

NATURE OF CHANGES: This Change Order adds Tasks F and G to the Scope of Services. Under this Change Order, CONTRACTOR will continue the previous work detailed in the contract and previous Change Orders, and adds the following new tasks as described in the attached letter from Lawrence & Associates dated February 10, 2017:

Task F: Site Visit/Plan Development \$7,819. This task involves travelling to the Del Norte Transfer Station to view the tipping floor, develop bid documents including contract, plans, specifications, and engineer's estimate to be used for competitive bidding. Services include reviewing bids, recommending award and monitoring construction of floor repair and scale approach ramp.

Task G: On-Site Professional Services \$6,079. This task involves engineer time to be on-site for two 12-hour days to monitor the installation.

Contract Time: Extends the current contract agreement through November 1, 2017.

Contract Price: This Change Order makes the following changes to the Contract Price: Prior to this Change Order, the total contract amount was \$33,007. For Tasks F-G, this Change Order adds \$13,898, resulting in a total contact amount of \$46,905 after this Change Order is adopted.

This Change Order is hereby approved:

DATE: _____

Lawrence & Associates:

Del Norte Solid Waste Management Authority:

BY: _____
Bonnie Langley, President

BY: _____
, Chair

ATTEST:

Corporate Secretary

ATTEST:

, Secretary

APPROVED AS TO FORM:

BY: _____
Martha D. Rice, General Counsel

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P17003.00

February 10, 2017

Mr. Tedd Ward
Director
Del Norte Solid Waste Management Authority
1700 State Street
Crescent City, CA 95531

Dear Tedd:

SUBJECT: CHANGE ORDER TO PROVIDE ENGINEERING SERVICES FOR THE REPAIR OF THE CONCRETE FLOOR AT THE DEL NORTE COUNTY TRANSFER STATION, CRESCENT CITY CALIFORNIA

Enclosed is our proposal to provide consulting services for the County's corrective action to repair wear on the tipping floor of the Del Norte County Transfer Station Facility. Lawrence & Associates proposes to perform a site visit to observe the existing condition of the concrete floor, developed Bid Documents including contract, plans, specifications, and engineer's estimate (County will provide standard contract to be revised for this project) to be used for competitive bidding. We will also provide services during construction including review of bids and recommending a winning bidder, and monitoring of construction of the high-strength floor topping. The repair of damage to the scale approach ramp concrete will also be reviewed and included in the construction observation. We assume the County will advertise and manage the public bid including bid opening.

Our construction observation budget includes time for an engineer to be on site for two 12-hour days. This schedule is based on our experience with projects of similar scope, but could change depending on site conditions. The contractor likely will be on site for three days, with the final day including saw cutting expansion joints, cleaning, and demobilization. We do not recommend monitoring for the third day of work, but can provide monitoring if requested.

Thank you for the opportunity to provide a proposal for this work. If you would like us to perform the work, you may provide an amendment to our original contract.

Please contact us at (530) 275-4800 if you have any questions regarding this proposal.

Sincerely,



Jesse Solorio, PE
Senior Engineer

enc.: Attachment A Fee Proposal
Attachment B Schedule of Fees

COST ESTIMATE - February 1, 2017
Attachment A
Del Norte County Transfer Station Floor Rehabilitation

	Lawrence & Associates										Task Total
	Senior Engineer	Principal Engr. Geol.	PW Inspector	AutoCAD or Tech	Clerical	Travel	Mileage	Expenses	Sub Consultants		
Site Visit/Plan Development											
1. Travel to site/per diem						8.00	420.00	160			\$1,094
2. Site visit	3.00										\$420
3. Develop Bid Documents	30.00	4.00		4.00	1.00						\$5,245
4. Engineers Estimate	3.00	0.50									\$500
5. Respond to RFI during bidding, review bids	4.00										\$560
Totals	\$5,600	\$720	\$340	\$65	\$640	\$294	\$160				\$7,819
On-site Professional Services											
4. Travel to site/per diem	3.00					8.00	420.00	480			\$1,834
5. On-site professional serves (two 11-hr days)	3.00	1.00	24.00	1.00							\$3,600
6. Summary letter	\$840	\$160	\$3,600	\$65	\$640	\$294	\$480				\$6,450
Totals											\$6,079
TOTAL ESTIMATED COST											\$13,898
<p align="center">Note: Our commitment is to the total project budget. Work-hour and staff allocations to individual activities are approximate, and are shown to indicate approximate level of effort. The maximum indicated total fee will not be exceeded without written authorization.</p>											



ATTACHMENT B-SCHEDULE OF FEES
EFFECTIVE JULY 15, 2016

PROFESSIONAL SERVICES

Engineering Geologist/Hydrogeologist	
Principal.....	\$160/hour
Senior.....	\$135/hour
Associate.....	\$115/hour
Staff.....	\$105/hour
Assistant.....	\$100/hour
Engineer	
Principal Engineer.....	\$160/hour
Senior Registered Civil.....	\$140/hour
Associate Civil.....	\$120/hour
Assistant Civil.....	\$105/hour
Engineering Technician.....	\$85/hour
Project Manager.....	\$125/hour
Environmental Assessor.....	\$110/hour
AutoCAD Operator (Level I).....	\$85/hour
AutoCAD Operator (Level II).....	\$75/hour
Field Technician.....	\$85/hour
Laborer.....	\$65/hour
Surveyor.....	\$80/hour
Tank Fund Administrator.....	\$65/hour
Clerical.....	\$65/hour
Word Processor.....	\$65/hour

Deposition and Court Appearances

Minimum charge.....	\$1400 part or full day
Deposition or Court Appearance Rate.....	\$250/hr
Preparation at consulting-service rates.....	as listed above

Drilling Services (CME-55 drilling rig)

7-5/8 and 9-5/8-inch OD augers with operator and helper.....	(See drilling schedule of fees)
Mobilization.....	

Other In-House Equipment

Test pumps (submersible, through 5 HP).....	quoted/job
Campbell 21X data loggers w/ transducers (water and gas).....	quoted/job
Conductivity, oxygen, temperature and dissolved oxygen probes.....	quoted/job
Meteorological station (wind direction and velocity).....	quoted/job
Gas-extraction and air-monitoring pumps.....	quoted/job
Mileage.....	\$0.70
Mileage (drilling rig).....	\$1.00
Per diem (per person/day; may vary dep. upon location).....	\$120+/day
Level D protection (per person/day).....	\$30/day
Survey equipment (per day).....	\$50/day
GPS Survey (per day).....	\$150/day

Expenses, Materials, Outside Services

(All direct-job related expenses: reproduction, rental equipment, materials, subcontracted labor and equipment).....	at cost + 15%
--	---------------



Del Norte Solid Waste Management Authority

1700 State Street, Crescent City, CA 95531

Phone (707) 465-1100 Fax (707) 465-1300

www.recycledelnorte.ca.gov

The Authority's mission is the management of Del Norte County solid waste and recyclable material in an environmentally sound, cost effective, efficient and safe manner while ensuring 100% regulatory compliance with law.

Staff Report

Date: 15 February 2017
To: Commissioners of the Del Norte Solid Waste Management Authority
From: Tedd Ward, M.S. – Director 
File Number: 012104 – Authority Officers
Topic: Elections of Authority Officers

Summary / Recommendation: That the Board nominate and elect Authority officers of Vice-Chair, Secretary / Clerk, and Treasurer/Controller to serve during calendar year 2017. Ideally, such election should take place with all appointed Commissioners for 2017 present.

Background: Under Section 2 of the Authority's By-laws, the Authority Board of Commissioners is to elect officers annually to serve one-year terms. Authority officers include the following:

Chair: Presides at all meetings of the Governing Board and shall sign all contracts and other instruments for an on behalf of the Authority.

Vice-Chair: Performs all duties of the Chair in the absence or incapacity of the Chair. Traditionally, the Chair and Vice-Chair have been from different member agencies.

Secretary / Clerk: The Commissioner who serves as Secretary signs all minutes and other documents reporting and acknowledging specific votes of the Authority Commissioners, including Resolutions and Ordinances. Other functions of the Authority Secretary are being fulfilled by Authority staff.

Treasurer / Controller: This non-voting officer is elected by the Authority Board

6.1



of Commissioners shall be a Certified Public Accountant, shall perform all duties specified in Government Code 6505.5 as well as cause a bi-annual audit of Authority funds according to legal requirements.

Analysis: Under section 2.2 of the Authority By-laws, the Chair and Vice-Chair "... shall be elected by the Governing Board from the Authority Commissioners appointed by the Charter Members..." meaning that the Chair and Vice Chair must also be members of the City Council or Board of Supervisors. Staff work with the Chair and Vice-Chair to set the agenda for each Authority meeting, and staff would like to continue working with an appropriately elected chair to set the agenda for upcoming Authority meetings.

As the Authority's member agencies include the County of Del Norte and the City of Crescent City, the Chair and Vice-Chair generally include one City Councilperson and one County Supervisor. Typically, the Vice-Chair is elected as Chair the following year. In this way, the Chair of the Authority Board generally alternates between City and County representatives. Last year when Commissioner McClure stepped down as Chair, Vice Chair Inscore assumed the role of Chair.

**DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
RESOLUTION NO. 2017-01**

**A RESOLUTION OF THE BOARD OF COMMISSIONERS OF
THE DEL NORTE SOLID WASTE MANAGEMENT
AUTHORITY MODIFYING REGULAR MEETING DATE & TIME**

WHEREAS, the Del Norte Solid Waste Management Authority has been created by a Joint Powers Agreement executed by the City of Crescent City and the County of Del Norte; and

WHEREAS, the Governing Board of Commissioners under section 3.2 of the First Amended By-Laws of the Del Norte Solid Waste Management Authority is authorized to adopt a Resolution to modify its regular meeting date and time; and

WHEREAS, the Board of Commissioners convenes monthly to conduct business of the Del Norte Solid Waste Management Authority and for the convenience of its members and the public wishes to modify the time and date for its regular meetings.

NOW THEREFORE BE IT RESOLVED that the Governing Board of Commissioners of the Del Norte Solid Waste Management Authority does hereby modify the second paragraph of Section 3.2 of the By-laws to read as follows:

"The Governing Board's regular meeting shall be held at _____ P.M. on the _____ (first, second, third or fourth) _____ (day of the week) of each month."

PASSED AND ADOPTED by the Board of Commissioners of the Del Norte Solid Waste Management Authority this 21st day of February, 2017.

- AYES:
- NOES:
- ABSTAIN:
- ABSENT:

_____, Chair
Del Norte Solid Waste Management Authority

ATTEST:

_____, Secretary of the Board
Del Norte Solid Waste Management Authority



Del Norte Solid Waste Management Authority

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Staff Report

Date: 14 February 2017
To: Commissioners of the Del Norte Solid Waste Management Authority
From: Tedd Ward, M.S. – Director *Tedd*
Kayleen Warner – Facilities & Programs Coordinator
Attachments: Comparison of Proposals Table
File Number: 051701 – Computers & Information Technology
Topic: Computer and Information Technology Professional Services

Summary / Recommendation: That the Authority Board of Commissioners authorize the Director to interview responsive proposers and negotiate an agreement for services, bringing a final contract to the Board in March for approval.

Background: The Authority has been without IT support for over four months. The lack of support and technical assistance has created a backlog of issues including delaying installation of the latest version of the Scale Management Software used at the scale house. In the meantime, the County Information Technology Department has assisted with urgent computer-related issues at the Del Norte County Transfer Station.

At the December 20, 2016 meeting, the Del Norte Solid Waste Management Authority approved the release of a Request for Proposal (RFP) soliciting proposals from consultants qualified to coordinate this agency's maintenance and troubleshooting of server/network and other Computer and Information Technology (CIT) issues as they arise.

The CIT services required can be summarized into five categories: 1) existing outstanding projects, 2) managed computer, telephone, and information technology services, 3) server and network administration and troubleshooting, 4) urgent technical assistance, and 5) hardware and software pre-purchase consulting.

The RFP was released December 28, 2016 with a non-mandatory meeting held January 25, 2017 at the Authority offices as an opportunity for proposers to inspect Authority equipment and facilities.

Analysis: A total of four proposals were received from three companies, (one company offered two different versions). One proposal (from HIVE) was considered non-responsive by staff and was not evaluated as there was no way to compare their cost proposal with what was

6.3

requested in the RFP or proposed by the other companies. The responsive proposals vary in approach and cost to the extent that staff would like additional time to conduct interviews and further hone the scope and agreement prior to approval by the Board. Furthermore, some contract details, such as the amount of insurance required can have an impact on the cost of services. Staff hope to negotiate a final scope of services that reduce annual costs compared to the proposals received.

Alternatives: The County IT Department could be utilized for some of the support however, they do not have the capacity to complete all the necessary tasks to upgrade and maintain the Authority's system, and the amount of work does not warrant hiring an additional Authority employee.

Fiscal Impacts: Final cost implications will be presented to the Board in March however the fixed annual costs in the proposals range from \$13,800 to \$20,868 with additional hourly charges for support services beyond the reoccurring service.

DNSWMA Computer and Information Technology Proposal Review

	Digital Needs Services	Adept Networks #77	Adept Networks #51	HIVE Tech
Contact	Andrew Butcher Crescent City	Andy Hackett Medford, OR	Andy Hackett Medford, OR	Bob Ernst Medford, OR
Location				
Experience	2	4	4	3
Understanding	2	4	4	Not responsive
Ability	2	4	4	
References				
Rates / Pricing				
1	per hour	\$ 60.00	\$ 125.00	\$ 125.00
2a	per month retainer	\$ 600.00	\$ 779.00	\$ 779.00
2b	per hour	\$ 50.00	\$ 125.00	\$ 125.00
3a	per month retainer	\$ 300.00	\$ 330.00	\$ 330.00
3b	per hour	\$ 50.00	\$ 125.00	\$ 125.00
4	per month retainer	\$ 250.00	\$ 330.00	\$ 330.00
4a	per employee/day	\$ -	\$ 350.00	\$ 423.84
4b	per hour	\$ 50.00	\$ 125.00	\$ 75.00
4c	per hour	\$ 50.00	\$ 125.00	\$ 125.00
4d	per hour	\$ 50.00	\$ 125.00	\$ 125.00
4e	per hour	\$ 50.00	\$ 125.00	\$ 125.00
5	per hour	\$ 25.00	\$ 125.00	\$ 125.00
Other				
BDR Cloud	per month	\$ 300.00	\$ 150.00	\$ 150.00
Dell Server		\$ 2,298.00		
battery backup		\$ 179.00		
Server Install		\$ 2,500.00		
Initial Cost		\$ 4,977.00		
Monthly		\$ 1,739.00	\$ 1,589.00	
Annual		\$ 13,800.00	\$ 19,068.00	



Del Norte Solid Waste Management Authority

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Staff Report

Date: 15 February 2017
To: Commissioners of the Del Norte Solid Waste Management Authority
From: Tedd Ward, M.S. – Director *Tedd*
Del Norte Solid Waste Management Authority
Attachments: Excerpts from proposals submitted by Clean Harbors and Stericycle
File Number: 081503 – Hazardous Waste Collections
Topic: Proposals for Household Hazardous Waste (HHW) and Conditionally Exempt Small Quantity Generator (CESQG) Collection Event Services

Summary / Recommendation: That the Board direct staff to:

1. Notify Clean Harbors Environmental Services, Inc., informing them that their proposal to provide these services received the highest evaluation, and that staff have been directed to negotiate a contract with Clean Harbors to provide the services as described in the Request for Proposals.
2. Work with legal counsel and negotiate an agreement based on the content of the Request for Proposals (RFP) for Household Hazardous Waste (HHW) Collection Event Services and their proposal.
3. Authorize appropriate signatures on the negotiated contract.
4. Work with the Clean Harbors to schedule the next HHW Collection Event for 16 September 2017, from 9 AM to 2 PM, with CESQG to be provided hazardous waste drop-off disposal services by pre-arranged appointment concurrently at the same time.

Background: Based upon direction to staff provided by the Board at the November 2016 Authority meeting, staff released a Request for Proposals (RFP) for HHW and CESQG Collection Event Services, and mailed it directly to four potential proposers. The RFP was based both on the RFP used in 2009 and additional staff ideas of how to control HHW Event costs by increasing the specificity of the service fees which may be used during the term of the agreement.

Analysis: Proposals were received from Stericycle Environmental Solutions and

6.4

Clean Harbors Environmental Services, Inc.

Of the proposals received, the proposal from Clean Harbors Environmental Services appeared strongest due to depth of submittal and inclusion of a material reuse component into the program adding value to the community while reducing waste disposal. Also, the projected cost for services to be provided by Clean Harbors based on their proposal appeared less than the other proposal. Staff believe Clean Harbors has provided the Authority with satisfactory service since 2009, and we expect a seamless continuation of the Authority's HHW event services by accepting their proposal.

Alternatives:

1. Direct staff to negotiate a contract with the other proposer.

Though references contacted provided favorable reviews of the services Stericycle provides, their overall cost proposal was higher than that proposed by Clean Harbors.

2. Reject all proposals and provide additional direction to staff. If the Authority Board chooses this alternative action, staff would need additional guidance as to how to provide the HHW Collection Event Services described in the adopted Household Hazardous Waste Element.

Fiscal Impacts: The Authority's annual budget for HHW/CEQSG Collection Events And sharps collections is \$32,000. Cost projections indicate that a single CESQG/HHW Collection Event provided by Clean Harbors Environmental Services would fall within this budget.



Clean Harbors Environmental Services, Inc.
42 Longwater Drive
P.O. Box 9149
Norwell, MA 02061-9149

781.792.5000
800.282.0058

www.cleanharbors.com

February 7, 2017

Del Norte Solid Waste Management Authority
1700 State Street
Crescent City, CA 95531
Attention: Tedd Ward, Director

A. Cover Letter

RE: RFP for Household Hazardous Waste & CESQG Collection Events

Dear Mr. Ward:

Clean Harbors is pleased to submit the enclosed proposal to provide Del Norte Solid Waste Management Authority ("Authority") with comprehensive household hazardous waste and CESQG program management. We believe you will find our submittal to be complete and fully compliant with the specifications of the Scope of Work.

Clean Harbors will provide the Authority with all the necessary equipment, supplies and professional staff to provide all the HHW & CESQG services requested in the RFP. We have the necessary permits, processes, capacity, experience and knowledge to provide these services to the Authority. Clean Harbors will provide the Authority and its' citizens with an unparalleled array of quality, professional services, and guaranteed program success.

Clean Harbors warrants that both the Company and all proposed subcontractors have the necessary permits, processes, capacity, and knowledge to accept and legally handle the wastes listed on Form "A". Please note that this proposal constitutes a firm offer for one hundred twenty (120) days from the last day designated for receipt of proposals.

Clean Harbors is prepared to continue providing our Household Hazardous Waste and CESQG services to the Authority. Based on our previous experience servicing the Authority, we are confident we can perform the CESQG event and the HHW event concurrently at the same time thereby reducing the costs to the Authority. Additionally, our proposal includes adding a material reuse component into the program, which brings added value to your community while reducing waste disposal.



Clean Harbors preferred date for the 2017 HHW & CESQG event is Saturday September 16, 2017.

Clean Harbors has reviewed the draft contract in the RFP and would prefer to utilize the contract terms of our current contract in place with the Authority for HHW services rather than the draft contract terms. This proposal is submitted contingent upon the right to negotiate mutually acceptable contract terms and conditions, which are reflective of the work contemplated in the Request for Proposal documents, and an equitable distribution of the risks involved therein an example of which can be found in the agreement that currently exists between Clean Harbors Environmental Services, Inc. and Del Norte Solid Waste Management Authority. In the event that such agreement cannot be reached, Clean Harbors reserves the right to decline to enter into such an agreement without prejudice or penalty.

If you require any additional information regarding our proposal please feel free to contact Gilbert Carmona your Clean Harbors Account Manager who will be your liaison during the period of proposal evaluation. Mr. Carmona's contact information is:

Clean Harbors Environmental Services, Inc.
2550 Del Monte Street #140
West Sacramento, Ca. 95691
Gilbert Carmona, Account Manager
916.416.1818
carmona.gilbert@cleanharbors.com

Sincerely,

A handwritten signature in black ink, appearing to read "Katherine Kestenbaum". The signature is written in a cursive style and is followed by a horizontal line that extends to the right.

Katherine Kestenbaum
Proposal Manager

C. Introduction to Clean Harbors with References

1. INTRODUCTION

As the nation's largest provider of hazardous waste management services, Clean Harbors Environmental Services, Inc. (Clean Harbors) proposes to continue to provide HHW & CESQG services to the Del Norte Solid Waste Management Authority (Authority) for the operation of an annual temporary collection event for the safe, expeditious, and cost effective removal and disposal of HHW & CESQG from your community.

We provide superior service at competitive prices, and offer cost-effective assistance and advice. Our commitment to your program's success is first and foremost. To this end, we are proposing to provide the most economically feasible, environmentally sound processes to meet your needs and budget.

Clean Harbors makes every effort to effectively reduce overall program costs through customized packaging, by offering a wide range of waste management options, by maximizing the use of our internal transportation and disposal capabilities, and by providing well-trained, qualified staff. All work performed will be in accordance with applicable local, state, and federal ordinances, codes, rules and regulations.

By choosing Clean Harbors to continue and expand the Authority's HHEW Program, the Authority will receive access to all of the equipment, supplies, and experienced personnel needed to successfully manage the collection, packaging and transportation of hazardous and universal wastes from households & CESQGs, as well as the best facilities to manage the hazardous wastes and associated liabilities.

Clean Harbors HHW Program Features and Benefits

Clean Harbors will provide a full range of hazardous waste management services, including receiving, classifying, segregating, packaging, transporting, recycling, treating, and disposing of a wide variety of hazardous materials. Clean Harbors will provide the following features as part of our program:

- **Skilled Personnel** - Clean Harbors' staff of experienced, capable CleanPack Chemists and Technicians will continue to provide the services to your collection program in an efficient, customer-oriented manner to your complete satisfaction. Our personnel are fully trained and experienced in providing the required services. Clean Harbors will provide efficient service from the first day of the new contract, as your incumbent provider there will be no change in current staffing.
- **Dedicated HHW Program Manager** - Our dedicated HHW Program Manager, Carlos Duque, is assigned to your contract and will continue to serve as your single point of contact. The HHW Collection Manager will be the source for all technical assistance and customer service. He is supported by a team of managers both at the local and regional levels as well as corporate management.

- **Support Facilities** - Our West Sacramento, California Service Center will provide the resources to support your program.
- **Materials and Equipment** - Clean Harbors will provide personal protective equipment, UN rated containers, vermiculite, labels, paperwork, and all other supplies, materials and equipment to ensure complete safety and compliance for the operation of all program components.
- **Document Preparation** - Clean Harbors will prepare and provide all the necessary paperwork to properly package and ship waste safely and in compliance with all DOT and EPA regulations. We will provide the Authority with customized reports in an approved format.
- **Transportation** - Clean Harbors will transport the collected waste. Clean Harbors operates a fully licensed fleet of over 10,000 transportation vehicles, including box trucks, dump trailers, containers, tractors, vacuum trucks and van trailers. Clean Harbors employs drivers who are fully trained to comply with all DOT and RCRA regulations. Central control is maintained to ensure vehicle maintenance and control of proper permitting. Local maintenance facilities are staffed by our own mechanics for maximum on-time performance.
- **Disposal Facilities** - Clean Harbors owned and operated disposal facilities will receive and manage the majority of waste from the Authority's Program. Most waste under this contract will be manifested to our Aragonite, Utah or Kimball, Nebraska TSDFs. Clean Harbors' disposal capabilities include Incineration, Wastewater Treatment, Fuels Blending, Recycling, Lab Chemical Disposal, Used Oil and Oil Products Recycling, PCB Disposal, Landfill, and Explosives Management. We have experienced professionals on staff trained to manage specialty wastes that the Authority may encounter such as high hazard materials (reactives, explosive materials, unknown cylinders), and these wastes can be managed internally.
- **Waste Tracking** - Our state of the art internal waste tracking system will allow the Authority to easily track its waste from cradle to grave.
- **Online Services** - Clean Harbors' Online Services include waste profiling and management, waste tracking, manifest viewing, and management report generation. Online Services are free to our customers, and available 24 hours a day, seven days a week.
- **Compliance with Regulations** - Clean Harbors regards compliance with applicable environmental regulations as a critical component of its overall operations both from the standpoint of health and safety of its employees and as a service to its customers. That is why our compliance and health and safety departments are independent operating units, providing yet another layer of protection and peace of mind for the Authority.
- **Reduced liability** – once the Authority's waste is received at the Clean Harbors TSDF, we terminate the manifest and take title to the waste. Any further shipment or processing

of the waste is done with Clean Harbors maintaining waste generator status. In addition, our financial strength and comprehensive insurance coverage provide the Authority with an umbrella of protection unprecedented in the hazardous waste industry.

Clean Harbors has been able to out-perform the competition by adhering to a simple, yet effective motto: Each citizen is our Customer. This motto is put into practice by:

- ◆ Keeping resident waiting time to a minimum
- ◆ Maintaining a professional appearance in front of citizens, community officials and the press at all times
- ◆ Strictly adhering to corporate, environmental, and regulatory standards

There are specific advantages for choosing Clean Harbors as your provider for hazardous waste collection and disposal services. Our history evidences several factors, such as experience, flexibility, and industry leadership, which set Clean Harbors apart from other HHW providers.

At the forefront of all our collection activities are:

- ◆ Participant, community, and worker safety
- ◆ Program efficiency
- ◆ Environmental responsibility

F. Operational Proposal

1. PROJECT UNDERSTANDING & APPROACH

Clean Harbors has reviewed the Authority’s request for proposal and feels well qualified to manage all facets of the Authority’s HHW collection and disposal services. It is our primary goal to not only meet, but also exceed the Authority’s expectations.

We share the Authority’s priority in making the program a success. In an effort to achieve this goal, we will function as a **partner** with the Authority to proactively maximize the program’s efficiency while providing quality service to the community.

2. PERMITS & LICENSE PREPARATION

Household hazardous waste collections are subject to specific administrative and operational requirements as specified in the regulations (CCR 22, div. 4.5, Section 66450 et al.). These regulations follow permitting requirements through Permit by Rule (PBR), which must be submitted to the local CUPA at least 45 days in advance of the planned collection events. Once the permits and approvals have been coordinated, they are incorporated into the operations plan. This plan includes administrative, permit, operational practice, health and safety, and regulatory information for the entire event performance.

3. COORDINATION & LOGISTICAL SUPPORT

Continuous coordination of the various stages of an HHW event is necessary to operate a smooth and efficient event. The timeline below shows a sample timeline for the events.

TASK	WEEKS BEFORE									E V E N T	WEEKS AFTER	
	8	7	6	5	4	3	2	1	0		1	2
Planning Meeting												
Identify Site/Conduct Site Walk												
Obtain Insurance Certificates												
Apply for Transportation Variance												
Prepare & Submit PBR Notification												
Prepare & Submit Event Work Plan (Operations Plan)												
Event Work Plan Review / Approval												
Final Event Planning												
Conduct THHWCE												
Final Report Submittal												
Invoice												



4. CESQG WORK PLAN

Clean Harbors currently has systems in place to handle all appointments scheduling, verifying CESQG business status, preparing manifests, invoicing businesses, collecting the fees and receiving the wastes at the events. Many of Clean Harbors' existing HHW clients with CESQG programs take advantage of this full service CESQG program we offer.

CESQG Operational Procedures

The CESQG program will be conducted on an appointment basis for qualifying businesses with collections scheduled on the same Saturday as the HHW event. The CESQG receiving will be done in a separate area from the HHW receiving to meet PBR requirements.

Clean Harbors will not accept more than the CESQG limits specified in Section 25218.1 of the Health and Safety Code. CESQGs will be required to sign an affidavit verifying that they are a conditionally exempt generator as defined in Section 25218.1 of the Health and Safety Code.

Clean Harbors will have the sole responsibility for the identification, segregation, packaging, transporting and disposal of the waste collected through the CESQG Program. Clean Harbors will hold title to and ownership of the wastes collected through the CESQG Program.

Clean Harbors will provide our toll-free CESQG phone number and make all the necessary arrangements for the acceptance of the CESQG waste. Procedures will be as follows:

- ◆ Each CESQG will be required to submit a \$25.00 administrative/registration fee (applies when Clean Harbors is performing scheduling and registration).
- ◆ Each CESQG wishing to participate in the program will be required to present an inventory of their hazardous wastes to Clean Harbors at least two weeks prior to the event.
- ◆ The CESQG inventories will be reviewed for acceptance and an estimated fee will be established based on the CESQG rate schedule for business waste.
- ◆ The maximum acceptable volume of CESQG waste will be that specified in the California Health and Safety Code.
- ◆ Upon acceptance and establishment of fees, the businesses will be assigned an appointment time for waste delivery to the event.
- ◆ All participating CESQGs will be required to sign a statement/receipt that they are in fact Conditionally Exempt Small Quantity Generators
- ◆ The unloading technician will verify that the participant's waste matches their waste inventory and profiles.
- ◆ Checks or cash payments will be made directly to Clean Harbors for disposal of collected wastes.

Clean Harbors proposes to bulk and/or package (commingle) all CESQG waste with compatible HHW from the Authority. Clean Harbors will credit back the CESQG collection disposal fees on the invoice prepared for the Authority for HHW services.

5. HANDLING OF WASTE MATERIALS

The majority of the Authority's HHW/CESQG waste will be sent to Clean Harbors' Aragonite, UT or Kimball, NE TSDFs. The following table represents our proposed packing methods, waste management (disposal) methods and final waste management facilities.

Waste Management Methods

Wastestream	Packaging Method	Disposal Method	Proposed TSDF
Acidic, L/S Inorganic	Labpack	Destructive Incineration	Clean Harbors AR
Acidic, L/S Organic	Labpack	Destructive Incineration	Clean Harbors AR
Aerosols, Flammable	Loosepack	Destructive Incineration	Clean Harbors AR
Aerosols, Corrosive	Loosepack	Destructive Incineration	Clean Harbors AR
Aerosols, Poison	Loosepack	Destructive Incineration	Clean Harbors AR
Asbestos	Loosepack or bulk	Landfill	Clean Harbors BL
Basic, L/S, Inorganic	Labpack	Destructive Incineration	Clean Harbors AR
Basic L/S, Organic	Labpack	Destructive Incineration	Clean Harbors AR
Contaminated Soils	Bulk	Landfill	Clean Harbors BL
Flammable Liquid	Bulk or Loosepack	Destructive Incineration	Clean Harbors AR
Flammable Liquid, Toxic	Loosepack	Destructive Incineration	Clean Harbors AR
Flammable Solid	Loosepack	Destructive Incineration	Clean Harbors AR
Fluorescent Light Debris	Bulk	Landfill	Clean Harbors BL or GM
Paint	Loosepack	Recycle	Via PaintCare
Lead Paint Waste Solid	Bulk	Stabilization	Clean Harbors BL
Mercury (metal, devices and salts)	Labpack	Recycle	Mercury Waste Solutions
Oily Debris	Loosepack or bulk	Landfill	Clean Harbors BL
Oxidizing L/S Acidic	Labpack	Destructive Incineration	Clean Harbors AR
Oxidizing L/S Basic	Labpack	Destructive Incineration	Clean Harbors AR
Oxidizing L/S Neutral	Labpack	Destructive Incineration	Clean Harbors AR
Oxidizing L/S Corrosive	Labpack	Destructive Incineration	Clean Harbors AR
PCB wastes (oil, paint)	Loosepack or Bulk	Destructive Incineration	Clean Harbors AR
PCB Ballasts	Loosepack	Landfill	Clean Harbors GM
Propane /Butane Cylinders	Loosepack	Recycle	All Safe
Toxic Liquid, Flammable	Loosepack	Destructive Incineration	Clean Harbors AR
Toxic Liquid/Solid	Loosepack	Destructive Incineration	Clean Harbors AR
Water Reactive L/S	Labpack	Destructive Incineration	Clean Harbors AR
Fusees/ Road Flares	Labpack	Destructive Incineration	Clean Harbors AR

LO = Loosepack, CY = Cubic Yard Box, G = Gallon

Abbreviations Key:

Clean Harbors AR = Clean Harbors Aragonite, LLC
Clean Harbors BL = Clean Harbors Buttonwillow, LLC
Clean Harbors GM = Clean Harbors Grassy Mountain, LLC

6. EVENT OPERATIONAL PROCEDURES

6.1 Pre-Event Coordination/Inclement Weather

HHW events are difficult to cancel due to the costs of planning and mobilizing as well as the inability to notify the public of a cancellation. Therefore, unless severe conditions occur which might pose a safety hazard, Clean Harbors will be prepared to operate the event.

6.2 Site Setup

Clean Harbors will mobilize all necessary equipment and materials for site setup the day prior to the HHW event, some setup may occur Friday afternoon or all setup may occur Saturday morning prior to the event opening. It is Clean Harbors standard policy to have the site is setup and the staff is ready to open and begin collection at least fifteen minutes prior to announced event opening time.

6.3 Supplies and Equipment

Clean Harbors will furnish supplies and equipment necessary for the safe and legal unloading, segregating, packaging, transport and disposal of the wastes. These supplies include, but are not limited to, all necessary equipment and materials required for the operation of the THHWCE. All equipment will meet the requirements of all regulatory agencies.

6.4 Instructions to Participants

Our staff will ask the appropriate questions to ensure that only HHW is collected (unless the participant is a scheduled CESQG). Clean Harbors can ensure the participants are eligible to participate in the program by asking to see a driver's license to verifying the residency of the participant is within one of the communities served by the program. Other information can be obtained as per the Authority's request. The participant will be asked to remain in their vehicle, and refrain from smoking, eating or drinking while in the unloading area. They will be instructed that Clean Harbors staff will unload their vehicle.

6.5 Unloading

Each participant load will be visually inspected for unacceptable wastes before being unloaded. Clean Harbors staff will unload all vehicles; carts will be utilized to move wastes from the unloading area to the segregating and packaging areas. Note CESQG wastes will be received in a separate area from the HHW waste to meet permitting requirements.

6.6 Unacceptable Wastes

Clean Harbors will not accept the following hazardous waste:

- ◆ Radioactive Materials
- ◆ Explosives Devises and Chemicals as defined in 40 Code of Federal Regulations, Section 173.5 (unless authorized by the Authority)
- ◆ Large Compressed Gas Cylinders (*unless authorized by the Authority*)
- ◆ Biohazardous Wastes other than sharps (unless authorized by the Authority)

If the participant arrives and has unacceptable wastes, the unloading supervisor will immediately notify the Authority's onsite contact person for assistance in determining the actions to be taken.

In the unlikely event that these items are inadvertently collected, Clean Harbors has extensive experience in the management of these materials and, if the Authority desires, we will arrange for the proper disposal of the items as described below.

6.7 Classifying and Packaging Procedures

Once a waste has been received and initially identified, it will be segregated into DOT hazard classes (flammable, corrosive, poison, reactive, etc.) and the compatibility subgroups (acid or base), based upon information obtained from labels, the participant, or professional knowledge. Reference materials such as a Chemical Dictionary, Sax Industrial Hygiene, Waste Substance Library Data Base or Material Safety Data Sheets will be used to insure proper categorization.

6.7.1 Unknowns Handling and Identification

Clean Harbors staff has extensive experience in conducting hazardous waste categorization for unknown wastes which are received. The screening staff will take unidentified wastes to the HazCat Testing area for analysis. The HazCat chemical identification system is a unique time saving tool designed especially for field use to identify and/or categorize virtually any unidentified liquid or solid in minutes. A series of tests are performed to quickly place an unidentified substance into one or more distinct categories. The most important physical and chemical aspects of the identification process include:

- ◆ Determining whether the substance is organic or inorganic
- ◆ Identifying the oxidizing potential of the substance
- ◆ Relative density
- ◆ Flammability
- ◆ Water reactivity
- ◆ Volatility

The following tests are performed and the results are recorded.

Heat Space Ignition	Acidification
“HCN Draeger”	Combustibility
Sulfides	Waste Solubility
Chlorine Hot Wire Test	Waste Reactivity
Liquids Organic/Aqueous	pH tests
Reagents Cyanide Test	Oxidant

After each classification test, the results obtained will be recorded and clearly marked on the outside of the container using an indelible ink marker. These procedures primarily identify waste for classification and packaging purposes. Any additional testing required for the management of these materials will be conducted at our TSDF laboratory.

With this information, it is possible to place the unidentified material into a DOT and/or EPA hazard classification. Once the “unknown” waste is identified, the waste material is then incorporated into the regular waste stream for lab-packing or bulking appropriately.

6.8 Waste Packaging

Clean Harbors uses 5 gallon, 10 gallon, 15 gallon, 30 gallon, 55 gallon drums, Cubic Yard Boxes and Conquest Boxes to package all wastes.

All waste will be packaged in accordance with the applicable DOT packaging regulations under Title 40 CFR 262.30 and Title 49 CFR 173, 178, 179.

The packaging method will be determined by the DOT prescribed shipping requirements found in 49 CFR 172.101. Each container is properly identified with its hazard classification and DOT description. Below is a description of the 3 packaging options utilized by Clean Harbors.

Clean Harbors will set aside waste collected which can be handled by the Transfer Station including the following streams:

- a) Used motor oil (uncontaminated)
- b) Used oil filters
- c) Used ethylene-glycol antifreeze (uncontaminated)
- d) Lead acid batteries
- e) Household batteries
- f) Fluorescent tubes from households
- g) Electronic devices
- h) Televisions, computer monitors, and devices containing Cathode Ray Tubes (CRTs)
- i) Home generated sharps
- j) Mercury thermostats

6.8.1 BULK

Typically, bulk packaging of materials is the most space and cost efficient packaging possible. Clean Harbors proposes to bulk the flammable liquids and contaminated automotive fluids at a minimum. Other wastes be bulked on a case by case basis depending on waste types, volumes and staffing availability.

6.8.2 LOOSEPACK

Commonly loosepacked HHW hazard classes are flammable liquid poisons, poisons, flammable solids, flammable gas (aerosols) and paints. These waste streams have been "pre-approved" by Clean Harbors-owned TSDFs. This method of packing is utilized in place of labpacking. This allows immediate packaging upon segregation, as no material inventory is required.

6.8.3 LAB PACK

All other waste streams will be labpacked and an inventory sheet will be developed which lists the individual chemicals.

6.9 Labeling

As a drum is closed, it will be properly labeled for shipment. Labeling and marking will include the unique identification number, profile and manifest number, and DOT Hazardous Waste Markings and Labels when applicable.

6.10 Loading & Site Cleanup

A Truck Inventory sheet, which is used to record the unique drum identification number, drum size and type and corresponding manifest line item for each piece on a load, will be completed while the loading process occurs. The inventory sheet will be utilized as a quality control check for the container count on the transportation vehicle once loading is completed.

Prior to leaving the site, Clean Harbors staff will:

- Verify all waste has been properly packed
- Review lab-pack drum inventories for compatibility
- Check drums for proper markings and labels and accumulation dates
- Check drum inventory sheets
- Ensure drums are free and clean of contamination
- Check that drum rings and bungs are secure
- Count all drums prior to loading
- Make sure manifests/bill of ladings are completed and signed
- Include all proper variances with manifests
- Place proper placards on truck prior to transport and checked against manifest
- Load all equipment and supplies
- Complete all upkeep and housekeeping
- Sign out all employees
- Remove all waste from the site after event is terminated
- Place all trash & recyclables into designated receptacles
- Ensure that site is at its pre-collection day condition

6.11 Transportation

Clean Harbors will load all wastes into properly registered and licensed vehicles for transportation to the designated TSDF immediately following the end of each collection event. Each transport vehicle will obtain an empty and loaded weight at the Transfer Station gatehouse scales as per the Authority’s request.

The following is a partial list of our Northern California vehicles that we will utilize to service the Authority.

Year	Make	Vehicle Type	Vehicle Description
2017	WABASH	VAN(LIFTGATE)	Tandem Axle Trailer
2016	PETERBILT	TRACTOR(SLEEP)	Single Steer Axle, Tandem Drives Powerunit
2016	PETERBILT	BOX	Single Steer Axle, Tandem Drives Powerunit
2016	PETERBILT	BOX (2)	Single Steer Axle, Tandem Drives Powerunit
2016	FORD	PICKUP	Single Steer Axle, Single Drive Powerunit



Cover Letter

February 1, 2017

Del Norte Solid Waste Management Authority
ATTN: Tedd Ward, M.S.
1700 State Street
Crescent City, CA 95531

**Re: RFP for Household Hazardous Waste and Conditionally Exempt Small Quantity
Generator Collection Events**

Dear Evaluation Committee:

Stericycle Environmental Solutions, Inc., (SES), is a national environmental services provider with 93 locations in North America and more than 60 service lines, including local service centers convenient to the Authority's facility. Our network of knowledgeable service representatives, local transportation hubs and 13 Treatment, Storage and Disposal Facilities (TSDFs) allow for an unmatched approach to client service. For 27 years, Stericycle has delivered reliable, safe and cost-effective waste management services to research facilities, universities, manufacturing facilities, municipalities and a wide variety of businesses across the United States.

Stericycle's unique offerings include state-of-the-art management technologies for all waste streams. These technologies are designed to reduce overall spend while limiting long-term risk. With over 2,000 employees, Stericycle is one of the country's largest providers of regulated waste disposal. We are committed to providing technically sound, safe and client-focused waste management. As one of the largest providers of Household Hazardous Waste (HHW) services in the country, Stericycle stands ready to provide the Authority with the experience, equipment, personnel and facilities necessary to expertly manage any event or location with a focus on safety and complete regulatory compliance. We proudly service over 60 Cities & Counties Household Hazardous Waste needs in Northern California, alone!

A successful collection program requires an environmental services partner that can provide peace of mind while developing innovative solutions to drive continuous improvement. A proven team of experts, expansive infrastructure and deep Household Hazardous Waste experience put Stericycle in the best position to exceed the Authority's environmental services requirements and deliver meaningful results.

Stericycle and our subcontractors have all of the necessary permits, processes, capacity and knowledge to accept and legally handle the waste listed on Form A.

During the process of evaluation, the Authority may contact the following:

Priscilla Peterson
HHW Account Manager
11855 White Rock Road
Rancho Cordova, CA 95742
Phone: (707) 373-1357
Email: Priscilla.Peterson@stericycle.com

Stericycle has prepared our response in strict adherence/compliance with all requirements of the solicitation by carefully reviewing the RFP documents.

This Proposal shall remain in effect for one-hundred twenty (120) days after the closing date and time of this submission. We appreciate your consideration of SES as a partner and service provider for the Del Norte Solid Waste Management Authority.

Kind regards,



Melinda Rath
Vice President, Manufacturing & Industrial Sales



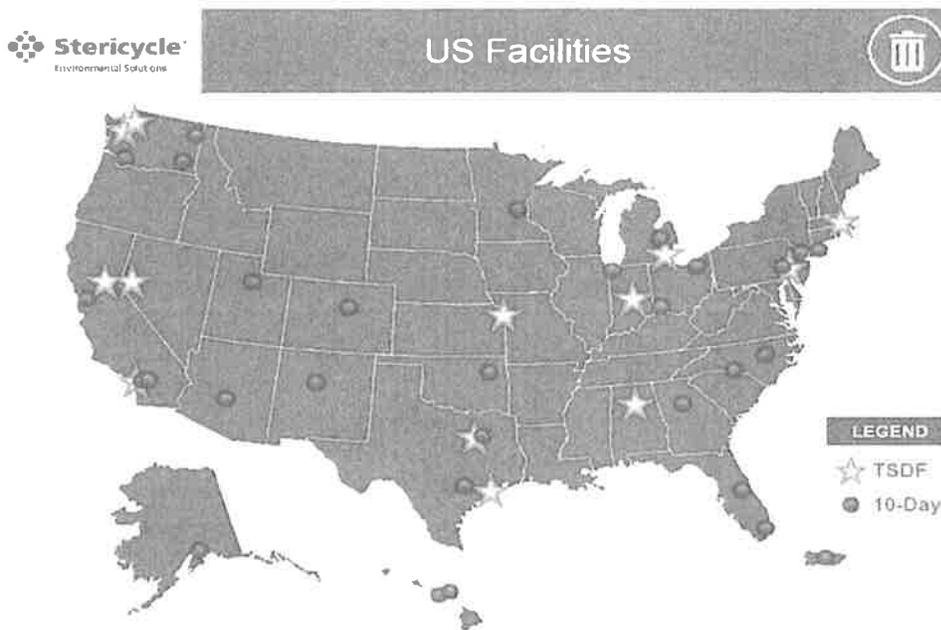
C. Introduction with References

Stericycle Environmental Solutions (SES) was formed in 2014 as a new subsidiary of Stericycle with the singular focus of managing hazardous waste. This subsidiary represents the consolidation of multiple acquisitions made from 2007 to the present and now constitutes a \$300,000,000+ business unit. A key component of this subsidiary was the acquisition of PSC Environmental Solutions, LLC, organized in 1988 and in business for 25 years, which services cities and municipalities and major industries leaders in health care, research, manufacturing, and retail.

Stericycle Environmental Solutions executes waste management programs with work scopes including: transportation, treatment, storage, and disposal of hazardous and non-hazardous waste, lab packing, technical on-site services, and emergency spill response. SES employs over 1600 personnel nationwide.

Stericycle was founded in 1989 and became a publicly-traded company in 1996. Stericycle's core business to date has been focused on the healthcare industry market segment, providing transportation and disposal of regulated medical waste/sharps and related compliance services to more than 585,000 customers worldwide. Based in Northbrook, and Lake Forest IL, Stericycle operates in the United States, United Kingdom, Ireland, Canada, Mexico, Argentina, Chile, Brazil, Portugal, Romania and Japan.

Stericycle is one of a limited number of national, financially strong companies providing comprehensive waste management services. Stericycle's extensive resource base includes permitted hazardous waste treatment facilities, a significant transportation fleet, dedicated lab pack department, and an on-site services group experienced and prepared to provide reliable service to clients for any environmental service need.



SES's history in managing HHW programs dates back to 1983, when it was owned by a predecessor entity. Since our original program designs, we have grown to be the premier HHW contractor in North America by developing a team of professionals with unmatched industry experience.

Our experience includes full management of HHW, conditionally exempt small quantity generator (CESQG) and agricultural pesticide management programs throughout the United States. Nationwide SES has operated thousands of HHW drop-off events and our HHW business has more than 300 customers with approximate annual revenues in excess of \$30 million. Additionally, we provide service to 75 permanent (i.e., fixed) HHW collection facility operations.

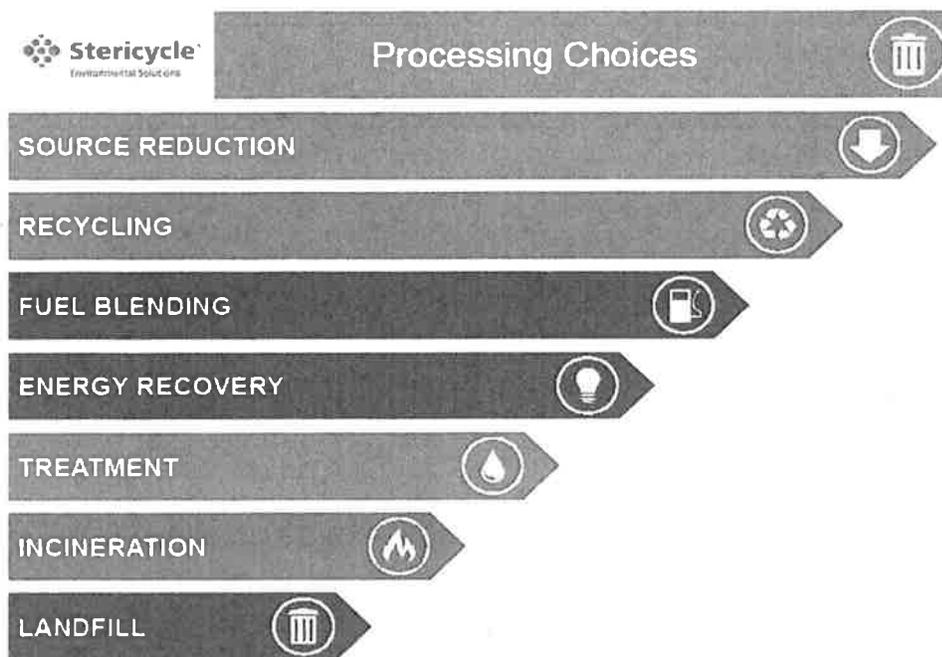
SES's HHW program capabilities include the following:

- Mobile collection events
- Permanent facility operations
- CESQG programs
- Door-to-door collections
- Sharps program
- Transportation
- Waste management
- Electronics collection and recycling
- Hotline and appointment system
- Program planning
- Community education/outreach
- Training

SES's approach to servicing any HHW operation is to provide the highest quality of service for the Authority to achieve their goals. Our first priority is to ensure compliance with all applicable regulations, and the second is to manage all materials using the highest available waste management hierarchy.

Stericycle Environmental Solutions executes waste management programs with work scopes including: transportation, treatment, storage, and disposal of hazardous and non-hazardous waste, lab packing, technical on-site services, and emergency spill response. We offer a complete range of waste services including reuse, recycling, treatment and disposal of both hazardous and non-hazardous waste.

The primary focus of SES after source reduction is beneficial reuse and recycling, with a wide range of options designed to maximize value while protecting valuable resources. SES works with each of its clients to provide the most effective solutions for their waste disposal requirements while remaining focused upon overall cost reduction.



This approach to HHW recognizes the hazardous characteristic and potential value of the waste collection and utilizes the best options to mitigate those hazards long term. Little to no waste goes to a landfill directly or after it's burned as an alternate fuel source. We are committed to continue to seek and implement the best practices for HHW management.

The SES entity that will primarily service this contract is permitted as General Environmental Management of Rancho Cordova, LLC, wholly owned by Stericycle. The parent company, Stericycle, holds the overall insurance, bonding and liability coverages for the companies. Operationally, SES will provide Project Management and Waste Transportation Services. General Environmental Management of Rancho Cordova, LLC as well as a sister company, 21st Century EMI of Nevada, operate the TSDF facilities that will initially process, treat and recycle the Authority's waste. These TSDF's are fully permitted EPA Part B processing facilities. All permits and licenses are available upon the Authority's request. 3-year compliance histories for the primary receiving TSDF's are listed below.

General Environmental Management of Rancho Cordova 11855 White Rock Road Rancho Cordova, CA 95742 CAD 980 884 183			
Issue Date	Issuing Agency	Alleged Violation	Disposition/Settlement
03/19/2014	DTSC	DTSC annual inspection. NOV issued	Corrective actions completed in specified time.
11/20/2013	Sacramento County EMD Stormwater	County of Sacramento Environmental Management Department conducted a stormwater compliance	No violations



F. Operational Proposal

SES has carefully reviewed the Authority's scope of services included in the RFP to help support its HHW Program. SES understands the complexity and challenges in servicing the Authority's Program. This section details out SES's methodology and procedures for our performance as it pertains to the Authority's service requests.

SES is a full service provider and can accommodate the Authority in concerns to labor, materials, equipment, supplies and expertise in the area of HHW management.

SES stands behind our service offerings. We are committed to ensuring that we are meeting the needs and service requirements of this contract. SES can meet with the Authority as needed to discuss operational or administrative issues.

SES is a service-driven organization. SES is confident in our ability to meet and exceed the requirements set forth within the RFP. The following will summarize our anticipated timelines for training, delivery of supplies and full implementation of the program. SES is pleased to present Del Norte Solid Waste Management Authority with our detailed implementation plan below.

Site Set Up and Event Preparation

- Once notified of contract award, SES will prepare and submit permit applications and notifications.
- SES will prepare site use agreements where applicable for event location.
- SES will prepare a Health and Safety Operations Plan to provide to the Authority prior to the event. A copy will be available at the event.
- Training will be provided by SES prior to the event.
- Labor needs and specific equipment requests will be confirmed with the Authority one (1) week in advance. Vendors and subcontractors will be notified in writing of event details. The Authority's staff may review these notifications if requested.
- With the aid of technicians, equipment and materials will be loaded onto equipment trucks the day prior to the event day.
- Equipment will be delivered to the site the day before the HHW collection event.
- SES staff will complete set-up of all the sites.
- Packaging areas will be double lined with 6 mil. visqueen by technicians.
- Sorting tables will be lined with visqueen and placed per the set-up plan.
- Dumpsters will be lined with dumpster liners and prepared for use.
- Canopies will be set-up over all waste processing areas.



- Emergency eye wash and shower stations will be established and set-up.
- A decontamination station and break area will be set-up.
- Signage (no smoking, etc.) and spill response stations will be established.
- Waste packaging segregation zones will be established and clearly marked.
- Bulking berms will be set-up for material bulking areas.
- Vehicle ingress, egress and queuing will be established and marked with cones.
- A full drum staging area will be identified and lined with visqueen.
- The site will be ready for operation 1/2 hour prior to the scheduled start times.
- A site safety meeting will be held prior to event opening conducted by the SES Project Manager.

Event Operations

As one of the leading household hazardous waste providers in the US, SES has experience with operations of permanent and temporary events. Below you will find SES's structure for facilitating waste segregation and the management methods associated with transportation and disposal of wastes.

Unloading (Technician)

The unloader will have the following responsibilities. Once the vehicle has stopped, and the engine has been turned off, the unloader will remove the waste material from the vehicle. It will be the responsibility of the unloader to ask the participant the identity of the material being unloaded. Special attention will be given to unlabeled materials, and those with conflicting markings/labels. The unloaders will be careful not to accept any of the materials on the unacceptable list. Lab grade chemicals coming from homeowners or businesses will be identified as they are unloaded as these could be the source of explosives or radioactive materials.

Unloaders will only put the materials on the top of the waste carts for movement into and around the facility. It will be the responsibility of the unloader to communicate to the sorters, labpackers and HazCat personnel any information on the identity of each customer's waste. In the event of an evacuation, like the greeter, the unloading personnel will instruct the customers to exit their vehicles and accompany them to the evacuation assembly area.

Sorting/Screening (Chemist)

Sorting personnel will sort materials from the carts into the appropriate loosepack, labpack and bulk waste streams. They will utilize their experience with materials management and material cheat sheets to determine the appropriate segregation of each material.

The sorting personnel will be responsible for a majority of the facility packaging. Materials will be moved from the screening area to packaging areas and packed by the sorters.

Laboratory/Unknown Identification (Chemist)

In this area personnel will characterize unknown materials using HazCat techniques. Care will be taken while running these tests that incompatible materials are not mixed, and that the testing apparatus is not creating additional hazards. Persons working in this area will pay close attention to the materials being tested to avoid hazardous reactions.

Once identified, the materials will be returned to the sorting area to be packed. It is the responsibility of the HazCat personnel to communicate to the sorting personnel the hazardous nature of the materials being returned.

Waste Packaging

SES offers a simplified approach to packaging, requiring waste be sorted and packaged to D.O.T. requirements, and not beyond, for acceptance into our facilities. After screening has occurred, the wastes will be packaged in various methods as described below.

- Flammable Liquids (Oil base paints and solvent, loosepacked)
- Flammable Liquids and Solids (Other flammable materials, not suitable for bulking will be loose packed. Flammables will be labpacked only if required by DOT [i.e. the waste is in a glass container or carries a subsidiary hazard, Flammable, Poisonous 3 (6.1) waste for example])
- Motor Oil, Antifreeze and Auto Batteries (bulked or palletized)
- Latex Paint (loosepacked)
- Labpack Materials (After screening and classification material will be put in proper drums identified by Haz Class. Ex: Haz class 6.1 will be packaged together in one container.)

Unacceptable Waste

SES treatment facilities are permitted by the federal and state government to accept most types and hazard classes of waste including dangerous waste, extremely hazardous waste, liquid, solid and compressed gasses. The few types of waste we are not permitted to handle at HHW sites include:

- Explosives or explosive waste, with the exception of surface flares
- Ammunition
- Biological or medical waste, including sharps and medications

- Radioactive waste
- Pressure Treated Wood
- Reactive Wastes
- Solid Waste (household garbage) and Appliances

SES has the ability to subcontract and manage the above waste streams if they are inadvertently accepted through the Authority's program. Disposal pricing for the above unacceptable wastes will be on a case-by- case basis.

Site Tear Down

SES prides itself on its ability to ship waste and de-mobilize sites very quickly. This is done for safety as well as for cost control purposes. All collected wastes are shipped from the sites on the date of collection unless specified by the Authority representative. While wastes are being loaded for shipment, the site will be torn down and returned to its original condition before SES leaves the site that afternoon or evening. Although de-mobilization is a priority for SES, the time it actually takes may vary depending on participation and waste volumes.

Manifesting

SES will provide the proper shipping papers including manifests, bills of lading (BOL), land disposal restriction forms (LDR)s, and labels. Shipping papers will comply with all applicable local, state, and federal regulations including California DTSC, US EPA, and US DOT as well as those specific requirements of the receiving facilities. SES will provide pre-printed shipping documents available for review prior to shipment. Manifests will be produced either by your project manager or by other qualified SES employees. All SES employees producing manifests or managing hazardous materials maintain current DOT and HAZWOPER certifications.

Equipment and Supplies

SES shall provide all necessary materials required for the proper separation, containerization, handling, storage, transport and disposal of collected materials. SES will also provide all necessary personal protective equipment, supplies, and administrative materials which includes, but is not limited to, protective clothing, goggles, respirators, tools, forms, manifests, labels, markings, placards, and equipment required to safely conduct required hazardous materials-related activities at the landfill sites.

*Items listed in **bold** are optional and will be provided as needed.*



Del Norte Solid Waste Management Authority

1700 State Street, Crescent City, CA 95531
Phone (707) 465-1100 Fax (707) 465-1300
www.recycledelnorte.ca.gov

The Authority's mission is the management of Del Norte County solid waste and recyclable material in an environmentally sound, cost effective, efficient and safe manner while ensuring 100% regulatory compliance with law.

Staff Report

Date: 15 February 2017
To: Commissioners of the Del Norte Solid Waste Management Authority
From: Kayleen Warner – Facilities and Programs Coordinator
Del Norte Solid Waste Management Authority
File Number: 071802 – Beverage Container Recycling Grants
Topic: Recycling Units for Airport

Summary / Recommendation: That the Authority Board of Commissioners authorize the Director to purchase dual stream recycling/trash units for the Airport using beverage container recycling grants funds in the amount of \$9,754.04.

Background: The Del Norte Solid Waste Management Authority has responsibility for administering grants from Cal Recycle for beverage container recycling (also known as the City and County Payment Program). Through this grant the Authority has received \$15,000 per year in beverage container funding, (\$10,000 allocated to the County and \$5,000 to Crescent City).

Funds have been used to advertise and support outreach efforts encouraging recycling, to collect beverage containers from public venues such as the Del Norte County Fairgrounds and public facilities. Allowable uses of the grant include funding new or existing beverage container recycling programs along with supporting AB 341 Mandatory Commercial Recycling requirements. Last year funds were used to purchase indoor dual stream recycling/garbage units for the Cultural Center and 20 dual stream recycling/garbage outdoor/portable units for use during large public events such as Sea Cruise and the Fourth of July celebration.

To date, this year's allocations have been directed to continuing the Recycle Responsibly ad campaign to assist in reducing contamination at Julindra Recycling and supporting the Director's attendance at a series of workshops discussing the Governor's proposed changes to California's Bottle Bill.

6.5

Analysis: Currently the Airport does not recycle beverage containers due to the lack of receptacles in public spaces. Authority and airport staff developed a plan to collect beverage containers using the grant dollars to purchase well designed, attractive, easy to service dual stream units. Airport staff will maintain and service the units; taking the beverage containers to Julindra Recycling and disposing of trash in their Recology dumpster. The ideal plan (see attached floorplan) calls for 10 indoor units and 4 outdoor units located in high traffic areas such as the screening room, holding room, vending area and visitor locations in the new terminal. Most major airports throughout the United States have a system of collecting recycling and passengers routinely seek opportunities to recycle while travelling.

Paired units have been proven to maximize effectiveness of recycling programs by making it convenient and less confusing about where to place items. The sustainability team at Walt Disney determined that about 25 steps was the maximum distance anyone would walk to throw something away.

While the new terminal is not expected to open until summer of 2018, it is recommended that the purchase be made now allowing time for staff to incorporate the units in the existing operations easing the transition to the larger terminal and expanded operations. The airport has up to 120 passengers a day for the two flights along with people that wait for their flight with the passenger and those who come to meet arriving passengers. That can total up to another 70-100 per day. The new terminal will also bring locals and tourist to have an enclosed space to view Castle Rock and a sunset.

The recommended units are made by Busch Systems, a North American company dedicated to producing high quality recycling and trash containers since 1985. The contents of their recycling and waste containers are also 100% North American made with materials sourced from coffee packaging, potato chip bags, retired recycling bins, scrap material from other facilities or other plastics or metals locally sourced. The recycled content amounts are listed on the attached photos of the units.

Alternatives: Purchasing fewer units would reduce the number of locations for collecting beverage containers. Less expensive, less durable units are available but not recommended in a new facility with a high profile.

Fiscal Impacts: Grant funds are available for this purchase and currently no other uses of the funds have been identified. Not spending the grant funds would result in reimbursing Cal Recycle and possibly lead to lack of future funding.

Aristata Series: Bodies are made with 100% recycled content, 30% of which is post consumer, and 70% of which is post industrial. The stainless steel lids are made from 100% post consumer recycled steel.



Upland Series: Produced with a minimum of 65% and up to 99% recycled content





**BUSCH
SYSTEMS**

**Busch Systems International Inc.
81 Rawson Ave
Barrie, ON L4N 6E5**

Phone: 800-565-9931 Fax: 705-722-8972

Website: www.buschsystems.com

Sales Quote

Sales Quote Number: SQ16-009270

Sales Quote Date: 1/27/2017	Expiry Date 2/26/2017	Terms PREPAY
Customer ID CU16-002753	Tax Exemption No.	Account Rep JEREMY ROBBINS

Sell DEL NORTE SOLID WASTE
 To: KAYLEEN WARNER
 1700 STATE STREET
 CRESCENT CITY, CA 95531
 United States
 Phone: 707-465-1100 Fax:
 Email:

Ship DEL NORTE SOLID WASTE
 To: KAYLEEN WARNER
 150 DALE RUPERT ROAD
 CRESCENT CITY, CA 95531
 United States
 Phone: 707-465-1100 Fax:
 Email:

<u>Item No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
90935-14	ARISTATA BODY DBL UNIT INC. LINER CIRCLE & RECTANGLE - WESTERN BREEZE - T4	10	Each	478.37	4,783.70
90920-1	ARISTATA BODY SINGLE UNIT INC. LINER CIRCLE LID - WESTERN BREEZE - (CG/T4)	1	Each	405.00	405.00
UT2-32	UPTOWN 2 - INCLUDES BODY, DOOR & 2 LINERS GREYSTONE	4	Each	767.42	3,069.68
91200	INTERCHANGEABLE BADGE FOR STAMPING ROYAL BLUE STAMPED IN WHITE "CANS AND BOTTLES"	4	Each		
91202	INTERCHANGEABLE BADGE FOR STAMPING BLACK STAMPED IN WHITE "TRASH"	4	Each		
91120	INTERCHANGEABLE OPENING - RECTANGLE BLACK - 4.25 X 9.5	4	Each		



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 To: KAYLEEN WARNER
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 Phone: 707-465-1100 Fax:
 Email:

Ship DEL NORTE SOLID WASTE
 To: KAYLEEN WARNER
 150 DALE RUPERT ROAD
 CRESCENT CITY, CA 95531
 United States
 Phone: 707-465-1100 Fax:
 Email:

<u>Item No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
91100	INTERCHANGEABLE OPENING - CIRCLE ROYAL BLUE - 4.5 DIAMETER	4	Each		
FREIGHT	SHIPPING + HANDLING	1	Each	794.09	794.09

Subtotal: 9,052.47

Shipping Details

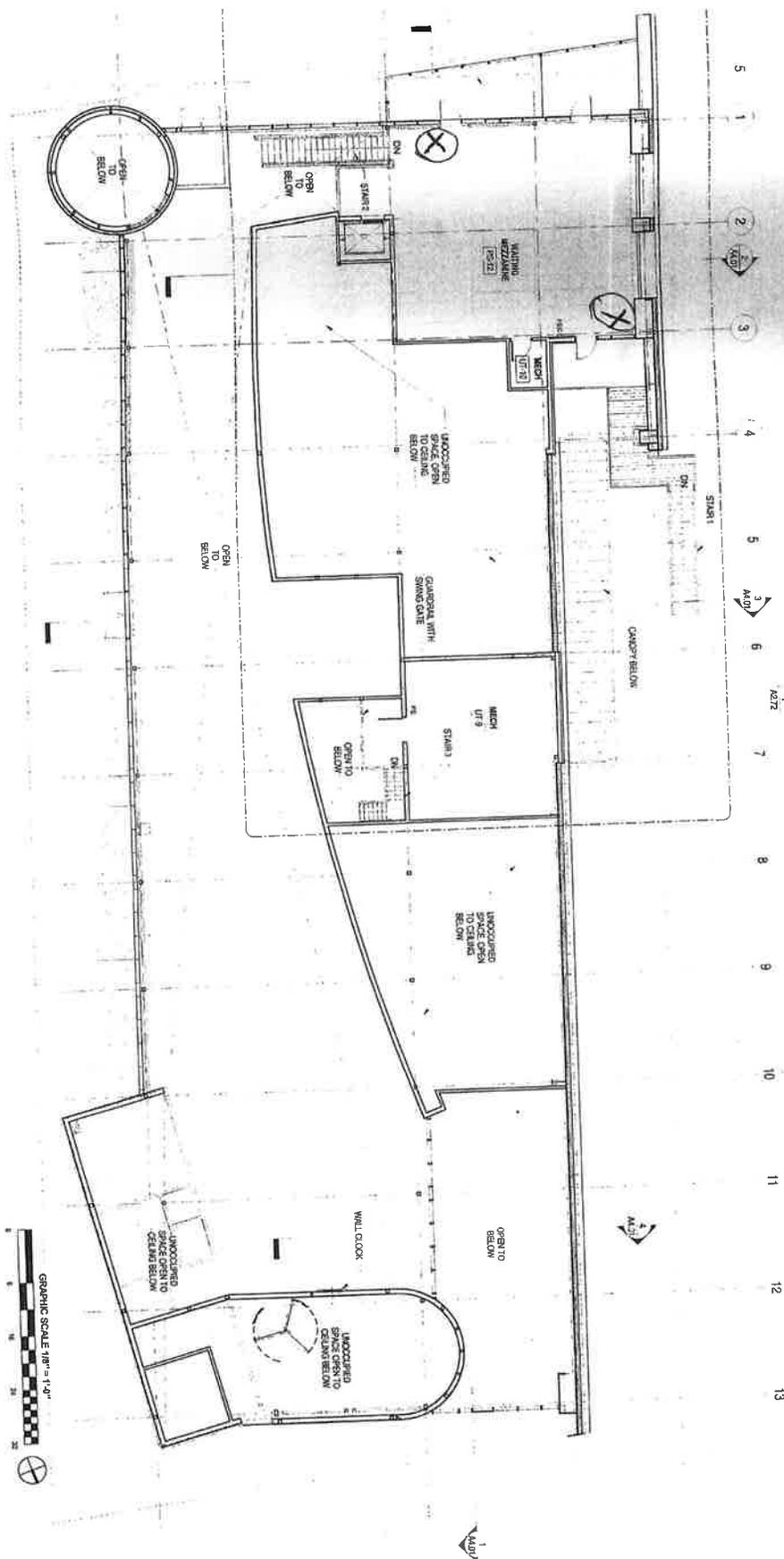
Dock Level Door	No	Call Prior to Delivery	USD	Total:	9,052.47
Accepts 53 FT	Yes	Fork Lift Onsite	No		
Tailgate Service	Yes	Delivery Hours			

TERMS

- All Product Remains the Property Of Busch Systems Int'l Inc. Until Paid in Full.
- No product is to be returned without our written authorization

This office will follow up with you within 24 hours to ensure you received this quotation. Quotation must be signed below to be official.

Customer Approval: _____ **Date:** _____



- GENERAL NOTES**
1. SEE ENCLOSED PLAN FOR ADDITIONAL INFORMATION.
 2. ALL WORKSHOPS ARE TO FACE PER STUD UO/1.
 3. ALL INTERIOR PARTITION WALLS TO EXTEND TO ROOF OR FLOOR.
 4. INTERIOR PARTITION WALLS TO BE CONCRETE TO MATCH EXISTING.
 5. INTERIOR PARTITION ABOVE CEILING TO MATCH REFLECTION TO EXISTING.
 6. INTERIOR WALLS TO RECEIVE SHIT INSULATION FROM EXISTING.
 7. INTERIOR WALL TO RECEIVE SHIT INSULATION FROM EXISTING.
 8. INTERIOR WALL TO RECEIVE SHIT INSULATION FROM EXISTING.
 9. INTERIOR WALL TO RECEIVE SHIT INSULATION FROM EXISTING.

ER COAST REGIONAL AIRPORT AUTHORITY
 ORTE COUNTY REGIONAL AIRPORT TERMINAL
 TERMINAL PROJECT - PHASE 2

DRAWN
 BY
 CHECKED
 JK
 APPROVED
 JY
 DATE
 SEPTEMBER 19, 2016

NO.	DATE	REVISION DESCRIPTION

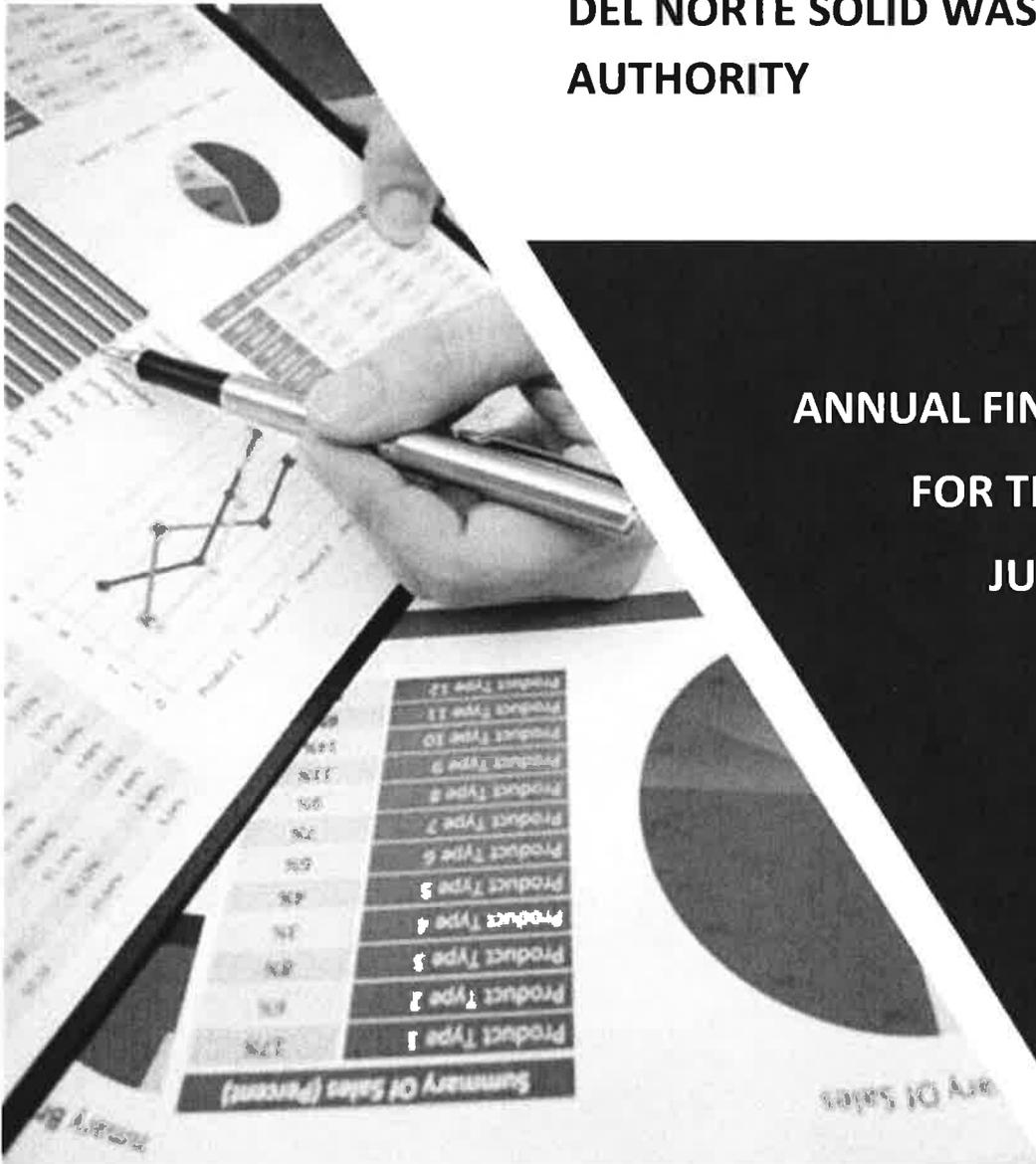
URS
 1111 Third Avenue, Suite 1000
 Seattle, Washington 98101
 TEL: (206) 496-2700



9TH FLOOR PLAN

**DEL NORTE SOLID WASTE MANAGEMENT
AUTHORITY**

**ANNUAL FINANCIAL STATEMENT
FOR THE YEAR ENDED
JUNE 30, 2016**



**Patel &
Associates, LLP**
Certified Public Accountants

INTRODUCTORY SECTION

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

TABLE OF CONTENTS

	Page
INTRODUCTORY SECTION	
Table of Contents.....	1
Official Roster.....	2
FINANCIAL SECTION	
Independent Auditor's Report.....	4
Basic Financial Statements:	
Statement of Net Position.....	8
Statement of Revenues, Expenses and Changes in Net Position.....	9
Statement of Cash Flows.....	10
Notes to Basic Financial Statements.....	11
Required Supplementary Information (Unaudited):	
Schedule of Funding Progress - Other Postemployment Benefits (OPEB).....	26
COMPLIANCE SECTION	
Independent Auditors' Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with Government Auditing Standards.....	28
Schedule of Findings and Recommendations.....	33

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
OFFICIAL ROSTER
JUNE 30, 2016

Name	Title
Martha McClure	Commissioner
Blake Inscore	Commissioner
Ron Gastineau	Commissioner
Chris Howard	Commissioner
Kathryn Murray	Alternate Commissioner

FINANCIAL SECTION

INDEPENDENT AUDITOR'S REPORT

The Board of Commissioners
Del Norte Solid Waste Management Authority
Crescent City, California

Report on the Financial Statements

We have audited the accompanying financial statements of the proprietary fund of Del Norte Solid Waste Management Authority, Crescent City, California (Authority), as of and for the year ended June 30, 2016, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the proprietary fund of the Authority as of June 30, 2016, and the changes in financial position and, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the Schedule of Funding Progress as listed in the table of contents be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Management has omitted the Management's Discussion and Analysis that accounting principles generally accepted in the United States of America require to be presented to supplement the basic financial statements. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic or historical context. Our opinion on the basic financial statements is not affected by this missing information.

Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Authority's basic financial statements. The introductory section is presented for purposes of additional analysis and is not a required part of the basic financial statements.

The introductory section has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated December 23, 2016 on our consideration of the Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control over financial reporting and compliance.

Patel & Associates, LLP
Certified Public Accountants

Patel & Associates, LLP

Oakland, California
December 23, 2016

BASIC FINANCIAL STATEMENTS

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

STATEMENT OF NET POSITION

JUNE 30, 2016

ASSETS

Current Assets:

Cash and investments \$ 938,074

Receivables:

Accounts 232,741

Deposit with Del Norte County 198,177

Total Current Assets 1,368,992

Non-Current Assets:

Capital assets:

Non-depreciable 493,000

Depreciable, net 2,377,179

Total Noncurrent Assets 2,870,179

Total Assets 4,239,171

LIABILITIES AND NET POSITION

LIABILITIES

Current Liabilities:

Accounts payable 392,465

Compensated absences 56,927

Sublease payable 108,787

Total Current Liabilities 558,179

Noncurrent Liabilities

Sublease payable 2,513,213

Postclosure 2,061,342

NET OPEB obligation 324,782

Total Noncurrent Liabilities 4,899,337

Total Liabilities 5,457,516

NET POSITION

Net Investment in capital assets 248,179

Unrestricted (1,466,524)

Total Net Position (1,218,345)

Total Liabilities and Net Position \$ 4,239,171

The accompanying notes are an integral part of these financial statements

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
FOR THE YEAR ENDED JUNE 30, 2016

<i>OPERATING REVENUES:</i>	<u>Solid Waste</u>
Grants & Contribution	\$ 30,000
Charges for services	2,887,525
Other revenue	<u>16,769</u>
<i>Total Operating Revenues</i>	<u>2,934,294</u>
<i>OPERATING EXPENSES:</i>	
Salaries and benefits	549,347
Professional services	91,677
Printing	679
Postage	1,000
Advertising	8,527
Travel	5,939
Office supplies	16,418
Insurance	15,440
Special department expense	16,663
Telephone and utilities	3,393
Subscriptions and memberships	6,000
Rent	3,773
Hazardous waste clean-up	30,008
Transfer station fees	1,924,125
State fees	49,209
Clothing	108
Other expenses	28,038
Depreciation	<u>94,814</u>
<i>Total Operating Expenses</i>	<u>2,845,158</u>
Operating Income (Loss)	<u>89,136</u>
<i>NON-OPERATING REVENUES (EXPENSES):</i>	
Interest income	3,863
Franchise fees	266,308
Interest expense	<u>(96,980)</u>
<i>Total Non-Operating Revenues (Expenses)</i>	<u>173,191</u>
Change in Net Position	262,327
Total Net Position - Beginning	<u>(1,480,672)</u>
Total Net Position - Ending	<u>\$ (1,218,345)</u>

The accompanying notes are an integral part of these financial statements

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

STATEMENT OF CASH FLOWS

JUNE 30, 2016

CASH FLOWS FROM OPERATING ACTIVITIES:

Receipts from customers	\$ 2,913,334
Payment to suppliers	(2,271,087)
Payments to employees	<u>(537,701)</u>
<i>Net Cash Provided (Used) by Operating Activities</i>	<u>104,546</u>

CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES:

Franchise fees	<u>266,308</u>
<i>Net Cash Provided (Used) by Noncapital Financing Activities</i>	<u>266,308</u>

CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES

Principal paid on debt	<u>(105,291)</u>
Interest paid on debt	<u>(96,980)</u>
<i>Net Cash Provided (Used) by Capital and Related Financing Activities</i>	<u>(202,271)</u>

CASH FLOWS FROM INVESTING ACTIVITIES

Interest and dividends	<u>3,863</u>
<i>Net Cash Provided (Used) by Investing Activities</i>	<u>3,863</u>

Net Increase (Decrease) in Cash and Cash Equivalents	<u>172,446</u>
Balances - Beginning	<u>765,628</u>
Balances - Ending	<u>\$ 938,074</u>

RECONCILIATION OF OPERATING INCOME (LOSS) TO NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES

Operating income (loss)	\$ 89,136
Adjustments to reconcile operating income to net cash provided by operating activities:	
Depreciation	94,814
Decrease (increase) in:	
Accounts receivable	(20,960)
Interest (decrease) in:	
Accounts payable	866
Compensated absences	11,646
Deferred Revenue	(2,567)
Postclosure	<u>(119,593)</u>
Net OPEB obligation	<u>51,204</u>
Net Cash Provided (Used) by Operating Activities	<u>\$ 104,546</u>

The accompanying notes are an integral part of these financial statements

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 2016

NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The basic financial statements of Del Norte Solid Waste Management Authority (Authority) have been prepared in conformity with generally accepted accounting principles (GAAP) as applied to governmental agencies. The Governmental Accounting Standards Board (GASB) is the accepted standard setting body for establishing governmental accounting and financial reporting principles. The more significant of the Authority's accounting policies are described below.

A. Reporting Entity

The Del Norte Solid Waste Management Authority (Authority) was formed September 21, 1992, and is a Joint Powers Authority between the County of Del Norte and the City of Crescent City.

The purpose of the Authority is to administer the siting, development, construction, and operation of solid waste facilities for the collection, reduction, recycling, composting, and disposal of discards generated within the City's and County's territorial boundaries. Under the terms of the Joint Powers Agreement, either the County or the City may withdraw and thereby dissolve the Authority. The County and City then would each reassume their respective responsibilities for waste management matters.

Generally accepted accounting principles require government financial statements to include the primary government and its component units. Component units of a governmental entity are legally separate entities for which the primary government is considered to be financially accountable and for which the nature and significance of their relationship with the primary government are such that exclusion would cause the combined financial statements to be misleading. The primary government is considered to be financially accountable if it appoints a majority of an organization's governing body and is able to impose its will on that organization or there is a potential for the organization to provide specific financial benefits to or impose specific financial burdens on the primary government.

Component Units

Based on the application of the criteria set forth by the Governmental Accounting Standards Board, management has determined that there are no component units of the Authority.

Related Organizations

The County of Del Norte appoints two members to the Board of Commissioners and performs certain accounting functions for the Authority. However, the County is not financially accountable for this organization and therefore it is not a component unit under Statement Nos. 14, 39, and 61 of the Governmental Accounting Standards Board.

B. Basis of Presentation

Fund financial statements of the Authority are organized into one fund, which is considered to be a separate accounting entity. The fund is accounted for by providing a separate set of self-balancing accounts that constitute its assets, liabilities, net position, revenues, and expenses. The fund of the Authority is organized into the proprietary category and is treated as a major fund.

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 2016

NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - (CONTINUED)

B. Basis of Presentation - (Continued)

The Authority reports the following major proprietary fund:

- The Solid Waste Fund is an enterprise fund used to account for solid waste management, transfer station operations, and landfill postclosure.

C. Basis of Accounting and Measurement Focus

The proprietary fund financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded at the time liabilities are incurred, regardless of when the related cash flows take place. Nonexchange transactions, in which the Authority gives (or receives) value without directly receiving (or giving) equal value in exchange, include revenues from grants, entitlements, and donations. Revenues from grants, entitlements, and donations are recognized in the fiscal year in which all eligibility requirements have been satisfied.

Proprietary funds distinguish operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with a proprietary fund's principal ongoing operations. The principal operating revenues of enterprise funds are charges to customers for services. Operating expenses for enterprise funds include the cost of sales and services, administrative expenses, and depreciation of capital assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

D. Cash, Cash Equivalents, and Investments

The Authority pools all cash and investments, other than imprest cash, with the County of Del Norte. The Del Norte County Treasury is an external investment pool for the Authority and the Authority is considered an involuntary participant. The Authority's share in the pool is displayed in the accompanying financial statements as cash and investments.

Participant's equity in the investment pool is determined by the dollar amount of participants deposits, adjusted for withdrawals and distributed investment income. Investment income is determined on the amortized cost basis. Amortized premiums and accreted discounts, accrued interest, and realized gains and losses, net of expenses, are apportioned to pool participants each quarter based on the participant's average daily cash balance at quarter end in relation to the total pool investments. This method differs from the fair value method used to value investments in these financial statements. In these financial statements, the fair value of the Authority's investments in the pool was based on unaudited quoted market values as provided by the County Treasurer. The pool has not provided or obtained any legally binding guarantees during the period to support the value of the investments.

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 2016

NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - (CONTINUED)

D. Cash, Cash Equivalents, and Investments - (Continued)

The County has established a Treasury Oversight Committee to monitor and review the management of public funds maintained in the investment pool in accordance with the County investment policy and the California Government Code. The oversight committee and the Board of Supervisors review and approve the investment policy annually. The County Treasurer prepares and submits a comprehensive investment report to the members of the oversight committee and the Board of Supervisors every month. The report covers the type of investments in the pool, maturity dates, par value, actual cost, and fair value.

Required disclosure information regarding categorization of investments and other deposit and investment risk disclosures can be found in the County's financial statements. The County of Del Norte's financial statements may be obtained by contacting the County of Del Norte Auditor Controller's office at 981 H Street, Suite 140, Crescent City, CA 95531.

For purposes of the accompanying statement of cash flows, the Authority considers all highly liquid investments with a maturity of three months or less when purchased, and their equity in the County of Del Norte investment pool, to be cash equivalents.

E. Receivables

Receivables consist mostly of amounts due from customers for services and amounts due from grant activities. These amounts are not shown a net of an allowance for doubtful accounts. Any doubtful accounts at June 30, 2016 were not considered material and therefore were not recorded.

F. Other Assets

Inventory

Inventory items are recorded as an expense at the time individual items are purchased rather than when consumed. Records are not maintained of inventory and supplies on hand, however, these amounts are not considered material.

Deposit with Del Norte County

The County of Del Norte holds a deposit of \$198,177 for the final sublease payment.

G. Capital Assets

Capital assets, which include property, plant, and equipment, are defined by the Authority as an asset with an individual cost of more than \$2,000 and an estimated useful life in excess of one year. Capital assets are valued at historical cost or estimated historical cost if actual historical cost is unavailable. Donated capital assets received prior to June 15, 2015, are recorded at their estimated fair value at the date of donation. Donated capital assets received after June 15, 2015, are recorded at acquisition value. Major outlays for capital assets and improvements are capitalized as projects are constructed. Interest incurred during the construction phase is not included as part of the capitalized value.

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 2016

NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - (CONTINUED)

G. Capital Assets - (Continued)

Capital assets used in operations are depreciated or amortized using the straight-line method over the assets estimated useful life. The range of estimated useful lives by type of asset is as follows:

<u>Depreciable Assets</u>	<u>Estimated Lives</u>
Equipment	5-20 years
Structures and improvements	10-20 years

Maintenance and repairs are charged to operations when incurred. Betterments and major improvements which significantly increase values, change capacities or extend useful lives are capitalized. Upon sale or retirement of capital assets, the cost and related accumulated depreciation are removed from the respective accounts and any resulting gain or loss is included in the results of operations.

H. Compensated Absences

It is the Authority's policy to permit employees to accumulate a limited amount of earned but unused vacation and sick leave which vests with the employee and will be paid upon separation from Authority service. The liability for these compensated absences is recorded as long-term debt in the financial statements. The current portion of this debt is estimated based on historical trends. In the fund financial statements, proprietary funds report the liability as it is incurred. The Authority includes its share of social security and medicare taxes payable on behalf of the employees in the accrual for compensated absences.

I. Deferred Outflows/Inflows of Resources

In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period and so will not be recognized as an outflow of resources (expense) until then. At June 30, 2016, the Authority did not have any deferred outflows of resources.

In addition to liabilities, the statement of financial position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to a future period and so will not be recognized as an inflow of resources (revenue) until that time. At June 30, 2016, the Authority did not have any deferred inflows of resources.

J. Estimates

The preparation of basic financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 2016

NOTE 2. STEWARDSHIP, COMPLIANCE, AND ACCOUNTABILITY

A. Deficit Net Position

The Solid Waste fund had a net position deficit of \$1,218,345, caused by the postclosure liability.

NOTE 3. CASH AND INVESTMENTS

A. Financial Statement Presentation

As of June 30, 2016, the Authority's cash and investments consisted of the following:

Cash:

Cash on hand	\$ 3,500
Total Cash	<u>3,500</u>

Investments:

Del Norte County Treasurer's Pool	<u>934,574</u>
Total Investments	<u>934,574</u>
Total Cash and Investments	<u>\$ 938,074</u>

B. Cash

Custodial Credit Risk for Deposits - Custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or collateral securities that are in the possession of an outside party. The Authority and the County comply with the requirements of the California Government Code. Under this code, deposits of more than \$250,000 must be collateralized at 105 percent to 150 percent of the value of the deposit to guarantee the safety of the public funds.

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 2016

NOTE 3. CASH AND INVESTMENTS - (CONTINUED)

C. Investments

The Authority does not have a formal investment policy. At June 30, 2016, all investments of the Authority were in the County of Del Norte investment pool. Under the provisions of the County's investment policy and the California Government Code, the County may invest or deposit in the following:

- Banker's Acceptances
- Commercial Paper
- Local Agency Investment Fund
- Medium Term Corporate Notes
- Money Market Funds
- Negotiable Certificates of Deposit
- Repurchase Agreements
- Securities of the Federal Government or its Agencies
- California State Registered Warrants, Treasury Notes and Bonds
- Local Agency Obligations
- Certificates of Deposit
- Pass-Through Security

Interest Rate Risk - Interest rate risk is the risk of loss due to the fair value of an investment falling due to interest rates rising. Generally, the longer the maturity of an investment, the greater the sensitivity of its fair value to changes in market interest rates. To limit exposure to fair value losses resulting from increases in interest rates, the County's investment policy limits investment maturities to a term appropriate to the need for funds so as to permit the County to meet all projected obligations. The County limits its exposure to interest rate risk inherent in its portfolio by limiting individual maturities to 5 years or less.

Credit Risk - Credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. The County's investment policy sets specific parameters by type of investment to be met at the time of purchase. As of June 30, 2016, the Authority's investments were all pooled with the County Treasury investment pool which is not rated by a nationally recognized statistical rating organization.

Custodial Credit Risk for Investments - Custodial credit risk for investments is the risk that, in the event of the failure of a depository financial institution, the Authority will not be able to recover its deposits or collateral securities that are in the possession of an outside party. With respect to investments, custodial credit risk generally applies only to direct investments in marketable securities. Custodial credit risk does not apply to a local government's indirect investments in securities through the use of mutual funds or government investment pools.

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 2016

NOTE 3. CASH AND INVESTMENTS - (CONTINUED)

Concentration of Credit Risk - Concentration of credit risk is the risk of loss attributed to the magnitude of the Authority's investment in a single issuer of securities. When investments are concentrated in one issuer, this concentration presents a heightened risk of potential loss. The County's investment policy of the County contains limitations on the amount that can be invested in any one issuer. As of June 30, 2016, all investments of the Authority were in the County investment pool which contains a diversification of investments.

NOTE 4. CAPITAL ASSETS

Capital assets activity for the year ended June 30, 2016 was as follows:

	<u>Balance July</u> <u>1, 2015</u>	<u>Additions</u>	<u>Deletions</u>	<u>Balance at</u> <u>June 30, 2016</u>
Capital Assets, Not Being Depreciated:				
Land	\$ 493,000	\$ _____	\$ _____	\$ 493,000
Total Capital Assets, Not Being Depreciated:	<u>493,000</u>	<u>_____</u>	<u>_____</u>	<u>493,000</u>
Capital Assets, Being Depreciated				
Equipment	158,444			158,444
Structures and Improvements	<u>3,408,629</u>			<u>3,408,629</u>
Total Capital Assets, Being Depreciated	<u>3,567,073</u>	<u>_____</u>	<u>_____</u>	<u>3,567,073</u>
Less Accumulated Depreciation For:				
Equipment	(157,499)	(315)		(157,814)
Structures and Improvements	<u>(937,581)</u>	<u>(94,499)</u>		<u>(1,032,080)</u>
Total Accumulated Depreciation	<u>(1,095,080)</u>	<u>(94,814)</u>		<u>(1,189,894)</u>
Total Capital Assets, Being Depreciated, Net	<u>2,471,993</u>	<u>(94,814)</u>		<u>2,377,179</u>
Capital Assets, Net	<u>\$ 2,964,993</u>	<u>\$ (94,814)</u>	<u>\$ _____</u>	<u>\$ 2,870,179</u>

Depreciation expense of \$94,814 was charged to operations.

NOTE 5. LONG-TERM LIABILITIES

The following is a summary of changes in long-term liabilities for the year ended June 30, 2016:

	<u>Balance</u> <u>July 1, 2015</u>	<u>Additions/</u> <u>Adjustments</u>	<u>Retirements/</u> <u>Adjustments</u>	<u>Balance June</u> <u>30, 2016</u>	<u>Amounts Due</u> <u>Within One Year</u>
Compensated Absences	\$ 45,281	\$ 33,024	\$ (21,378)	\$ 56,927	\$ 56,927
Sublease Payable	2,727,291		(105,291)	2,622,000	108,787
Postclosure	2,180,935		(119,593)	2,061,342	
Net OPEB Obligation	<u>273,578</u>	<u>102,139</u>	<u>(50,935)</u>	<u>324,782</u>	
Total Long Term Liabilities	<u>\$ 5,227,085</u>	<u>\$ 135,163</u>	<u>\$ (297,197)</u>	<u>\$ 5,065,051</u>	<u>\$ 165,714</u>

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 2016

NOTE 5. LONG TERM LIABILITIES - (CONTINUED)

Individual issues of debt payable outstanding at June 30, 2016, are as follows:

Sublease Payable:

County of Del Norte Facility Sublease issued May 1, 2004 in the amount of \$3,535,000, due in annual installments of \$78,475 to \$183,454, with an interest rate of 3.32% and maturity of August 1, 2033. The sublease was used to finance the construction of the transfer station. \$ 2,622,000

Total Sublease Payable \$ 2,622,000

Following is a schedule of debt payment requirements of the proprietary fund, excluding compensated absences that have indefinite maturities, postclosure which is reported in Note 6 and Net OPEB obligation which is reported in Note 9.

<u>Year Ended June 30</u>	<u>Sublease Payable</u>		
	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2017	\$ 108,787	\$ 85,245	\$ 194,032
2018	112,398	81,573	193,971
2019	116,130	77,779	193,909
2020	119,986	73,860	193,846
2021	123,969	69,810	193,779
2022-2026	684,384	283,441	967,825
2027-2031	805,790	160,020	965,810
2032-2034	<u>550,556</u>	<u>27,816</u>	<u>578,372</u>
Total	<u><u>2,622,000</u></u>	<u><u>859,544</u></u>	<u><u>3,481,544</u></u>

NOTE 6. POSTCLOSURE

The Authority is responsible for one closed solid waste landfill site. State and federal laws and regulations require the Authority to perform certain maintenance and monitoring functions at the landfill site for thirty years after closure. GASB Statement No. 18 requires a portion of these postclosure care costs is reported as an operating expense in each period based on landfill capacity used as of each statement of net position date. Since the landfill is no longer accepting waste, the entire estimated expense and liability have been reported.

As of June 30, 2016, the Authority's estimated remaining liability for postclosure maintenance costs was \$2,061,342. This amount is based on the amount that would be paid if all equipment, facilities, and services required to monitor the landfill were acquired as of June 30, 2016. Actual costs may be higher due to inflation, changes in technology, or changes in regulations.

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 2016

NOTE 6. POSTCLOSURE - (CONTINUED)

The Authority is required by the California Code of Regulations to provide financial assurance that appropriate resources will be available to finance postclosure costs in the future. The Authority intends to fund the post-closure liability through a pledge of revenue from the new transfer station/materials recovery facility. The Authority expects that future inflation costs will be paid from interest earnings on these annual contributions.

NOTE 7. NET POSITION

The proprietary fund financial statements utilize a net position presentation. Net position is categorized as net investment in capital assets, restricted, and unrestricted.

- **Net investment in capital assets** - Consists of capital assets including restricted capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes or other borrowings that are attributable to the acquisition, construction or improvement of those assets.
- **Restricted net position** - Consists of net position with constraints placed on the use either by (1) external groups such as creditors, grantors, contributors or laws or regulations of other governments; or (2) law through constitutional provisions or enabling legislation.
- **Unrestricted net position** - All other net position that does not meet the definition of "restricted" or "net investment in capital assets".

Net Position Flow Assumption

When a government fund outlays for a particular purpose from both restricted and unrestricted resources, a flow assumption must be made about the order in which the resources are considered to be applied. When both restricted and unrestricted net position is available, it is considered that restricted resources are used first, followed by the unrestricted resources.

NOTE 8. EMPLOYEE BENEFITS

A. Employee's Retirement Plan

The Authority employees are covered under the retirement plan of the County of Del Norte. The County of Del Norte bills the Authority monthly for the costs of the retirement benefits.

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
 NOTES TO FINANCIAL STATEMENTS
 JUNE 30, 2016

NOTE 8. EMPLOYEE BENEFITS - (CONTINUED)

The County contributes to the California Public Employees Retirement System (PERS), an agent multiple-employer public employees defined benefit plan. PERS provides retirement and disability benefits, the annual cost of living adjustments, and death benefits to plan members and beneficiaries. PERS acts as a common investment and administrative agent for participating public entities within the State of California. Benefit provisions and all other requirements are established by statute. Copies of PERS' annual financial report may be obtained from their executive office – 400 Q Street, Lincoln Plaza East, Sacramento, CA 95811.

Required disclosure information regarding the total retirement plan can be found in the County's audited financial statements. Separate information regarding the Authority is not available.

NOTE 9. OTHER POSTEMPLOYMENT BENEFITS (OPEB)

A. Plan Description

The Authority provides medical and dental benefits for retired employees and their dependents through a self-insured trust administered by Del Norte County. The Authority recently made dental-only coverage available to retirees at age 65 and over. Composite premium rates as of the valuation date are as follows:

Coverage	Employee Only	Employee +1	Employee+2 or more
Medical and Dental	\$ 617	\$ 1,198	\$ 1,505
Post 65 Dental Only	60	115	165

The Authority pays partial premiums for retirees based on years of service with the Authority. For retirees under age 65 with at least 10 years of Authority service (those hired prior to 2007 need only five years of service with the Authority in order to be eligible to receive the discounted premium rates), the Authority covers between 25% and 100% of the premium for the retiree as well as between 25% and 75% of the dependent premiums. Retirees over the age of 65 also receive the benefit of a discounted premium. The following table illustrates the premiums paid by retirees as of the valuation date, with the balance of the premiums paid by the Authority:

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 2016

NOTE 9. OTHER POSTEMPLOYMENT BENEFITS (OPEB) - (CONTINUED)

Medical Plan Rates Charged to Retiree Effective November 1, 2009						
Age	Under 65			65 and over		
Years of Service	Retiree Only	Retiree & 1 Dep.	Retiree & Family	Retiree Only	Retiree & 1 Dep.	Retiree & Family
Less than 10 years	Cobra coverage for up to 18 months					
At least the 10 years, but less than 16	\$ 386	\$ 749	\$ 1,127	\$ 225	\$ 440	\$ 555
At least 16, but less than 21	257	560	875	200	415	530
At least 21, but less than 25	129	344	459	175	390	505
At least 25 or more		215	345	150	365	480

B. Funding Policy

As required by GASB 45, an actuary will determine the Authority's Annual Required Contributions (ARC) at least once every two fiscal years. The ARC is calculated in accordance with certain parameters, and includes (1) the Normal Cost for one year, and (2) a component for amortization of the total unfunded actuarial accrued liability (UAAL) over a period not to exceed 30 years.

In accordance with the Authority's budget, the annual required contribution (ARC) is to be funded by (a) making payments for retiree benefit premiums, (b) making payments for retiree claims and (c) prior to fiscal year end, depositing the remaining amount of the ARC, if any, to the OPEB trust. Concurrent with implementing Statement No. 45, the Authority Board of Commissioners passed a resolution to participate in the California Employers Retirees Benefit Trust (CERBT), an irrevocable trust established to fund OPEB. CERBT is administered by CalPERS, and is managed by an appointed board not under the control of the Authority. This Trust is not considered a component unit of the Authority and has been excluded from these financial statements. Separately issued financial statements for CERBT may be obtained from CALPERS at P.O. Box 942709, Sacramento, CA 94229-2709.

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 2016

NOTE 9. OTHER POSTEMPLOYMENT BENEFITS (OPEB) - (CONTINUED)

C. Annual OPEB Cost and Net OPEB Obligation

The following table shows the components of the Authority's annual OPEB costs for the year, the amount actually contributed to the plan, and changes in the Authority's net OPEB obligation.

	Fiscal Year Ending <u>June 30, 2016</u>
Annual required contribution	\$ 102,969
Interest on net OPEB obligation	14,718
ARC adjustment	<u>(15,548)</u>
Annual OPEB cost	102,139
Contributions Made:	
Pay as you go contribution	39,810
Funding of ARC contribution	<u>11,125</u>
Change in net OPEB obligation	51,204
Net OPEB Obligation - Beginning of Year	<u>273,578</u>
Net OPEB Obligation - End of Year	\$ <u>324,782</u>

The Authority's Annual OPEB Cost, the percentage of Annual OPEB cost contributed to the plan, and the Net OPEB Obligation for the year ended June 30, 2016 is as follows:

<u>Fiscal Year Ended</u>	<u>Annual OPEB Cost</u>	<u>Actual Contribution</u>	<u>Percentage of Annual OPEB Contributed</u>	<u>Net OPEB Obligation</u>
June 30, 2012	\$ 66,734	\$ 19,634	29.42%	\$ 86,006
June 30, 2013	76,119	22,359	29.37%	139,766
June 30, 2014	81,318	18,981	23%	202,103
June 30, 2015	95,664	24,189	25%	273,578
June 30, 2016	102,139	50,935	25%	324,782

D. Funded Status and Funding Progress

As of July 1, 2013, the most recent actuarial valuation date, the plan was 12.74 percent funded. The actuarial accrued liability for benefits was \$692,253 and the actuarial value of assets was \$88,187, resulting in an unfunded actuarial accrued liability (UAAL) of \$604,066. The covered payroll (annual payroll of employees covered by the plan) was \$197,720, and the ratio of the UAAL to the covered payroll was 313.44 percent.

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 2016

NOTE 9. OTHER POSTEMPLOYMENT BENEFITS (OPEB) - (CONTINUED)

D. Funded Status and Funding Progress - (Continued)

Actuarial valuations of an ongoing plan involve estimates of the value of the reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and the healthcare cost trend. Actuarial amounts determined regarding the funded status of the plan and the Annual Required Contributions of the Authority are subject to revision at least biannually as actual results are compared with past expectations and new estimates are made about the future. The Schedule of Funding Progress, presented as required supplementary information following the notes to the financial statements, presents multi-year trend information (as it becomes available) that shows whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

E. Actuarial Methods and Assumptions

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce short term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

The most recent valuation was performed as of July 1, 2013. The assumptions used for this valuation are in accordance with CALPERS' "OPEB Assumption Model", which describes guidelines to be used for retiree healthcare valuations for plans intending to pre-fund benefits through California Employers' Retiree Benefit Trust (CERBT).

In the July 1, 2013 actuarial valuation, the entry age normal actuarial cost method was used. The actuarial assumptions included a 7.50% investment rate of return, payroll increases of 3.25%, and assumed health inflation of 10% graded down to 5.38% over 10 years. The OPEB plan's unfunded actuarial liability is being amortized over a closed, 30-year amortization period and level percent of pay basis beginning in the 2012/13 fiscal year.

NOTE 10. RISK MANAGEMENT

The Authority is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. The Authority purchases coverage from a private insurance company. In addition, they participate in the County liability program. Settled claims have not exceeded this commercial coverage in any of the past three fiscal years. As of June 30, 2016, the Authority did not have landfill insurance.

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2016

NOTE 11. RELATED PARTY TRANSACTIONS

The Authority has related party transactions with the County of Del Norte. During the year ended June 30, 2016, the Authority paid the County \$2,345 for liability insurance and \$10,419 for health insurance. The Authority provides free dumping service to the County of Del Norte and the City of Crescent City as required in the Joint Powers Agreement.

NOTE 12. OTHER INFORMATION

A. Subsequent Events

Management has evaluated events subsequent to June 30, 2016 through December 23, 2016, the date on which the financial statements were available for issuance. Management has determined no subsequent events requiring disclosure have occurred.

REQUIRED SUPPLEMENTARY INFORMATION (UNAUDITED)

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
SCHEDULE OF FUNDING PROGRESS -
OTHER POSTEMPLOYMENT BENEFITS (OPEB)
JUNE 30, 2016

The Schedule of Funding Progress - Other Postemployment Benefits (OPEB) presents a consolidated snapshot of the Authority's ability to meet current and future liabilities with the plan assets. Of particular interest to most is the funded status ratio. This ratio conveys a plan's level of assets to liabilities, an important indicator to determine the financial health of the OPEB plan. The closer the plan is to a 100% funded status, the better position it will be in to meet all of its future liabilities.

The table below shows a three-year analysis of the actuarial value of assets as a percentage of the actuarial accrued liability and the unfunded actuarial accrued liability as a percentage of the annual covered payroll for the Authority Other Postemployment Benefit Plan.

<u>Actuarial Valuation Date</u>	<u>Actuarial Valuation of Assets</u>	<u>Actuarial Accrued Liability (AAL) Entry Age</u>	<u>Unfunded AAI (UAAL)</u>	<u>Funded Ratio</u>	<u>Covered Payroll</u>	<u>UAAL as a Percentage Of Covered Payroll</u>
July 1, 2010	\$ 44,752	\$ 435,051	\$ 390,299	10.14%	\$ 294,812	132.39%
July 1, 2011	58,086	528,091	470,005	10.99%	294,812	159.43%
July 1, 2013	88,187	692,253	604,066	12.74%	192,720	313.44%

COMPLIANCE SECTION

**INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL
REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF
FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH
GOVERNMENT AUDITING STANDARDS**

The Board of Commissioners
Del Norte Solid Waste Management Authority
Crescent City, California

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the proprietary fund of the Del Norte Solid Waste Management Authority, Crescent City, California (Authority) as of and for the year ended June 30, 2016, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements and have issued our report thereon dated December 23, 2016.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Authority's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Authority's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. We did identify certain deficiencies in internal control, described in the accompanying schedule of findings and responses that we consider as items 2016-001 and 2016-002 to be significant deficiencies.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Authority's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Authority's Response to Findings

The Authority's responses to the findings identified in our audit are described in the accompanying schedule of findings and responses. The Authority's responses were not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on them.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Patel & Associates, LLP
Certified Public Accountants

Patel & Associates, LLP

Oakland, California
December 23, 2016

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
SCHEDULE OF FINDINGS AND RESPONSES
YEAR ENDED JUNE 30, 2016

SECTION II - AUDIT FINDING IN RELATION TO FINANCIAL STATEMENTS

2016-001 Deficit Net Position (Significant Deficiency) -Repeated

Condition:

The charges for services were not sufficient to cover postclosure liability and debt service requirements which resulted in the Authority having a net position deficit of \$1,218,345.

Criteria:

Prudent management of Authority resources requires that charges for services be adequate to cover the cost of providing the service.

Effect:

The Authority had inadequate reserves to settle the estimated accrued liabilities.

Cause:

The Authority's rates charged to customers were not adequate to cover postclosure costs and debt service requirements.

Auditor's Recommendations:

We recommend that the Authority consider all expenses including depreciation and postclosure costs when setting rates and adopting the annual budget. We further recommend that the Authority review options to manage this deficit and begin a program to fund the liability.

Management's Response:

When the Del Norte Solid Waste Management Authority was formed in 1992 the adopted Joint Powers Agreement transferred all debt and liability related to solid waste, recycling and the County-owned, Crescent City Landfill to the Authority, and these debts and liabilities still impact the financial position of this agency.

Because historical landfill operations and oversight did not set rates sufficiently high in the past to provide funds for closure and post-closure, the Authority must pledge revenue from the operational transfer station to pay for post-closure maintenance costs. This means that current customers are paying for expenses that accrued in the past.

While the Authority's continuing obligations with respect to the post-closure maintenance of the Crescent City Landfill will continue to keep the Authority in a net deficit position for the short and medium term, raising rates is not the only way to address this fiscal responsibility. Specifically, the California Department of Resources Recycling and Recovery (CalRecycle) requires that the Authority demonstrate that mechanisms are in place to address any potential urgent needs associated with this closed landfill.

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
SCHEDULE OF FINDINGS AND RESPONSES
YEAR ENDED JUNE 30, 2016

2016-001 Deficit Net Position (Significant Deficiency) -Repeated (Cont'd)

Management's Response (Cont'd):

CalRecycle requires under California Public Resources Code (PRC) sections 43500 through 43610.1 and Title 27 of the California Code of Regulations ("Regulations"), Division 2, Subdivision 1, Chapter 6, Article 2, that operators of solid waste landfills to demonstrate the availability of financial resources to conduct postclosure maintenance and corrective action activities, and sections 22228 and 22245 of the Regulations specify a Pledge of Revenue as an acceptable mechanism to demonstrate financial responsibility for financing postclosure maintenance and corrective action costs of a solid waste landfill. Towards that end, the Authority has used a Pledge of Revenue, approved by CalRecycle and provided to Patel & Associates, to address these requirements.

Furthermore, the Authority Board has standing direction that Authority staff annually request that CalRecycle review and approve a reduced multiplier for the approved annual postclosure maintenance cost estimate. This cost estimate of post-closure liability is determined by multiplying the annual post-closure maintenance cost estimate times 30. CalRecycle has already approved the Authority's application to reduce this multiplier from 30 to 21, reducing the Authority's post-closure liability by \$854,276.

Compared to the prior fiscal year, the Authority's net position improved by \$262,327 from (\$1,480,672) to (\$1,218,345). Factors that impacted this calculation included using updated estimates for annual landfill post-closure maintenance expenses, reduced permit fees for the Crescent City Landfill, and increased legal and professional accounting oversight expenses.

This is the fifth consecutive audit that has identified the Authority's deficit net position as a significant deficiency, and this deficiency will likely continue until the Authority Board approves a rate increase that will increase the Authority's annual budget. It is also worth noting that if the Authority Board were to raise rates as recommended by Patel & Associates that it would be many years before revenues would accrue to adequately address the calculated liabilities associated with the Crescent City Landfill.

Considered together, the Authority's Pledge of Revenue addresses the potential financial obligations associated with the Crescent City Landfill, regardless of the specific amount, while the annual application to reduce the multiplier represents the Authority's ongoing efforts to reduce those calculated liabilities. The Authority will consider this finding during the setting of rates in 2017.

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
SCHEDULE OF FINDINGS AND RESPONSES
YEAR ENDED JUNE 30, 2016

2016-002 GASB 68 Implementation (Significant Deficiency)-Repeated

Condition:

During our audit we noted that Authority employees are reported to CalPERS under the County of Del Norte pension plan.

Criteria:

Governmental Accounting Standards Board Statement No. 68, which is effective for the Authority for periods beginning after June 15, 2014, addresses accounting and financial reporting for pensions that are provided to employees of local governments.

Effect:

The District may not have information for compliance with GASB 68.

Cause:

The Authority employees are treated as County of Del Norte employees for purposes of pension reporting.

Auditor's Recommendations:

We recommend that the Authority review the requirements of GASB 68 and take steps necessary to ensure compliance with GASB 68.

Management's Response:

Authority staff will review the requirements of Governmental Accounting Standards Board Statement number 68, addressing accounting and financial reporting requirements for pensions provided to local government employees, and take steps in coordination with the Del Norte County Auditor and Del Norte County Personnel Departments to ensure compliance with GASB 68. Authority implementation of GASB 68 requirements are similar to the level of implementation of these requirements achieved by other Del Norte County departments.

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY
SCHEDULE OF PRIOR YEAR FINDINGS AND RECOMMENDATIONS
JUNE 30, 2016

Audit Reference

Status of Prior Year Audit Recommendation

2015-001

Deficit Net Assets

Recommendation

We recommend that the Authority consider all expenses including depreciation and post closure costs when setting rates and adopting the annual budget. We further recommend that the Authority review options to manage this deficit and begin a program to fund the liability.

Status

Not Implemented

2015-002

GASB 68 Implementation

Recommendation

We recommend that the Authority review the requirements of GASB 68 and take steps necessary to ensure compliance with GASB 68.

Status

Not Implemented

Del Norte Solid Waste Management Authority

Work Priorities Fiscal Year 2016 – 2017

File: 231501



Mission Statement (Sept. 2014): The Authority's Mission is the management of Del Norte County solid waste and recyclable material in an environmentally sound, cost effective, efficient and safe manner while ensuring 100% regulatory compliance with law.

Purposes of the Authority (2012):

1. Planning, siting, permitting, developing, constructing, maintaining, managing and providing gate attendants for public disposal sites, transfer stations, and/or sanitary landfills, and planning for and securing the services of necessary non-disposal processing facilities or other options related to recovering discarded resources and processing those materials to increase their value;
2. Preparing, implementing, and providing related monitoring, reporting, updates and revisions for programs of a Regional Agency Integrated Waste Management Plan as required under the California Integrated Waste Management Act of 1989 as amended (California Public Resources Code commencing with section 40050), including programs related to used motor oil, oil filters, and household hazardous wastes and other materials and products banned from mixed waste disposal;
3. Defining and monitoring the service standards for collections of discards in the incorporated and unincorporated area of County and the ability to grant franchises for waste hauling and/or collection and processing of mixed recyclable materials, in its discretion; (*Recology Del Norte provides services under the Collections Franchise Agreement with the Authority*)
4. Exercising all setting and controls on maximum rates to be charged to the public for discard collections services, and solid waste and recycling services in Del Norte County, and other appropriate powers reasonably necessary to carry out the purpose of this Agreement, including securing disposal capacity for Del Norte County residents, agencies, and businesses as required under Public Resources Code sections 41701 and 41703;
5. Developing, adopting, and implementing Ordinances and programs to control and prosecute illegal dumping and blight in Del Norte County associated with solid waste accumulation and storage; and
6. Post-closure maintenance, monitoring, reporting and remediation related to the Crescent City Landfill as required by relevant Orders from the Regional Water Quality Control Board, North Coast Region, the California Department of Resources Recycling and Recovery (CalRecycle) the North Coast Air Quality Management District.

Del Norte Solid Waste Management Authority Work Priorities Fiscal Year 2016 – 2017

Table of Contents

Mandated or Obligatory Ongoing or Future Activities:

1.	Del Norte County Transfer Station (TS) Facilities and Operations.....	3
2.	Crescent City Landfill Post-Closure Maintenance.....	4
3.	Collections Franchise and Collections System Management.....	6
4.	Reuse, Recycling, and Composting.....	6
5.	Community Cleanup.....	7
6.	Education and Public Outreach.....	7
7.	Local Regulations, Ordinances, Plans and Enforcement.....	8
8.	Public Meetings, Budgets, Funding and Fiscal Oversight.....	8
9.	Personnel and Staffing.....	9
10.	Other Responsibilities and Activities.....	9
11.	Annual Testing and Reporting Calendar.....	11
	<u>Deferred Discretionary Activities</u>	12

Legend for symbols used:

-  = Activity to be completed during FY 2016-2017
-  = Authority-adopted plan, contract or grant to comply with law
-  = Fiscal responsibility under guidance of Authority Treasurer
-  = Draft submitted, awaiting agency response
-  = Lower priority activity or only addressed as time and capacity allows
-  = Activity deferred by Authority Board action
-  = Activity completed for FY 2016-2017

This Work Priorities list is a living document. Items may be added as needed due to further direction from the Authority Board, new legislation, regulation or agency action.

Last Updated: **February 2017**

Mandated or Obligatory Ongoing or Future Activities:

1. Del Norte County Transfer Station (TS) Facilities and Operations

-  Schedule appropriate staff to operate and maintain scale and gatehouse operations at the Del Norte County, Klamath and Gasquet transfer stations, including the daily accounting of receipts and transactions at each facility. (Ongoing)
-  Prepare plans and specifications, financing, construction quality assurance, and conduct a competitive process to select a contractor to repair worn areas of the Del Norte County Transfer Station floor and to repair the ramps for the outbound scale with minimal disruption to Transfer Station operations. (Repairs to be implemented during before the end of FY 17/18)
-  Procure and manage Household Hazardous Waste (HHW) Collection Event contractor and use Permanent HHW Facility at the Transfer Station for annual HHW Collection Event, as well as daily recycling of used motor oil, oil filters, antifreeze, lead acid batteries, paints stains and varnishes, televisions and computer monitors, household batteries, household fats oils & greases, home generated sharps, and residential and commercial fluorescent tubes. (Clean Harbors agreement expires 12 August 2017, before the annual HHW Event is typically scheduled)
-  Submit necessary forms related to hazardous waste management to the California Department of Toxic Substances Control (DTSC), including form 303 and generator copies of hazardous waste manifests. (Annual)
-  Prepare and submit hazardous waste business plan to the CERS database. (Annual)
-  Submit reports as required by the California Department of Resources Recycling and Recovery (CalRecycle), including quarterly disposal reports, electronic annual reports, and reporting related to management of consumer electronic wastes, appliances, etc. (Annual)
-  Regularly inspect, maintain and improve disposal and recycling facilities and services at the Klamath and Gasquet transfer stations. Both these facilities are without water or power and have security issues. (Ongoing).
-  Coordinate with the County Department of weights and measures to calibrate and certify the accuracy of the scales used at the Del Norte County Transfer Station. Repair scales as necessary. (Annual)
-  Resubmit Non-Exposure Certification approved for Del Norte County Transfer Station to reduce the level of effort required to comply with the Industrial Stormwater Permit

(Annual).

- ✓ △ Prepare and submit documents as needed for the Del Norte County Transfer Station solid waste facility permit review every five years. Revise the Transfer Station Methods report and Transfer and Processing Report as necessary for new recovery activities and/or management of materials banned from disposal or requiring special handling, including mattresses. (Ongoing)
- ☞ ⊗ Prepare and submit the PCI compliance report to assure that measures are in place to protect customer credit and debit card information. (Annual, this deferral is costing ~\$60/month)
- ⊗ Work with Hambro/WSG to develop additional resource recovery options that can be integrated into TS operations at a cost which is less than disposal. (Ongoing)
- ⊗ Work with Hambro/WSG and Recology Del Norte to assess and evaluate potential impacts associated with changes in Franchise solid waste, recyclables, and yard debris collection services on transfer station operations and revenues. (Ongoing)

2. Crescent City Landfill Post-Closure Maintenance

- ☞📄 Continue working with County staff to monitor gas wells, groundwater wells, surface water sampling points. Authority staff will continue to compile, summarize and analyze data as well as prepare and submit reports to the North Coast Regional Water Quality Control Board as required under Order 97-90. (Ongoing through 2035)
- ☞📄 Conduct and submit aerial survey of the landfill every five years to document any differential settlement. (Next due in 2021; Ongoing through 2035)
- ☞📄 Continue landfill facility maintenance. This includes semi-annual removal of deep-rooting plants and mowing of surface drainage structures, as well as fence, gate and well repair. Activities will also periodically include regrading, repair to slopes and drainage structures to reduce ponding, as well as revegetating graded areas. (Ongoing through 2035)
- ☞△ Apply for reduction in the post-closure multiplier and prepare and submit annual estimate of the post-closure financial liability associated with the Crescent City Landfill to CalRecycle (Annual; ongoing through 2035)
- ☞📄 Work with RWQCB in the development and revision of Waste Discharge Requirements and Monitoring and Reporting Program to analyze water historical quality monitoring information with the intent of reducing the expense of water quality monitoring during the post-closure maintenance period, which extends until February

2036 (Ongoing until new Monitoring and Reporting Program is approved).

-  Collect and analyze water samples from two new wells (E-4 Shallow and E-4 Deep) installed at the landfill to possibly demonstrate groundwater flow directions are such that water quality impacts associated with the landfill are unlikely to pose a threat to adjacent residential properties. Continue to engage in similar efforts in pursuit of a reduction in the Threat/Complexity rating for this facility, resulting in a reduction to the annual permit fee for the Waste Discharge Requirements issued by the North Coast Regional Water Quality Control Board (RWQCB). (Ongoing until new Monitoring and Reporting Program is approved).
-  Submit and/or update the Pledge of Revenue Agreement and associated Resolutions affirming that post-closure liabilities associated with the Crescent City Landfill are addressed through a Pledge of Revenue from the Del Norte County Transfer Station. (Ongoing)
-  Secure the landfill by repairing fences, gates, barriers, posting 'no trespassing' signs and working with law enforcement and State parks to prevent non-authorized vehicle access to the landfill property. (Ongoing)
-  Work with County staff and contractors to explore compatible and beneficial uses of the landfill property for mitigation activities that could offset impacts of specified County projects. (Ongoing)
-  Conduct and report on constituent of concern monitoring of landfill groundwater every five years. (Next due in August 2019; ongoing through 2035)
-   Prepare and submit landfill gas heat capacity report and other documentation required by the North Coast Air Quality Management District (NCAQMD). The NCAQMD may impose additional requirements based on this report. (Submitted in 2013; ongoing through 2035)
-   Monitor development of laws and regulations pertaining to control of greenhouse and other landfill gas emissions. Research possible actions and funding sources as necessary and appropriate. (Ongoing)

3. Collections Franchise and Collections System Management

-  Develop strategies, plans, Change Orders and contracts as needed to establish and support capacity for sorting, processing and baling recyclable materials collected by Recology Del Norte.
-  Manage Franchise Collections contract with Recology Del Norte to ensure compliance

with contract provisions and Service Standards, including drafting annual CPI-based rate adjustments and negotiating and drafting Change Orders for contractual changes. Coordinate with Recology Del Norte as needed. (Ongoing)

-  Continue to promote workplace recyclables collections, the California Commercial Recycling Mandate (AB341) with Recology Del Norte, recycling coordinators, the recyclables collection contractor (currently GH Outreach) and processors like Julindra Recycling. (Ongoing, special report requested by CalRecycle in 2016)
-  Evaluate possible modifications to the Collections Franchise and/or appropriate ordinances to complement the services at the Del Norte County Transfer Station and to expand, provide incentives and document resource recovery. (Ongoing)

4. Reuse, Recycling, and Composting

-  Continue, as a rural regional agency, planning, monitoring and reporting programs, activities, and progress on per capita and per employee waste reduction targets under California Integrated Waste Management Act of 1989, as amended, and as administered by the California Department of Resources, Recovery and Recycling (CalRecycle), including compliance with the California's Mandatory Commercial Recycling Law (AB341). (Ongoing)
-  Continue to coordinate, enhance, and promote recycling of used oil, oil filters and antifreeze using grants from the State agency responsible for oil recycling. (Annual and ongoing)
-  Continue to coordinate, enhance, and promote recycling of beverage containers using grants from the State agency responsible for beverage container recycling. (Annual and ongoing)
-  Plan, coordinate, monitor and report on implementation of product stewardship programs for carpeting, thermostats, household batteries, paints and stains, and mattresses. (Ongoing)
-  Provide material support for County recycling collections through GH Outreach. (Ongoing)
-  Provide backyard composting workshops periodically throughout the year. (Ongoing)
-   Complete the five year review of the Regional Agency Integrated Waste Management Plan in coordination with the Del Norte Solid Waste Task Force. (submitted in 2014, next due by January 2020)
-   Analyze, enhance, expand, develop and support one or more facilities capable of

processing locally-generated organic materials for compost or energy production, in Del Norte or one of our adjacent counties. (Ongoing)

5. Community Cleanup

-  Coordinate fundable cleanup activities under the grant from the US Forest Service. (Ongoing through Aug 31, 2021)
-  Coordinate collection events for Christmas trees, yard debris, household hazardous wastes and other items or materials as opportunities arise (Ongoing)
-  Coordinate and support beach, river and neighborhood cleanup activities. (Ongoing)
-  Manage and direct use of the twenty Authority-directed bin pulls to support community cleanup activities. (Annual)

6. Education and Public Outreach

-  Prepare outreach materials to promote program activities, events and services including print ads, radio ads, posters, public service announcements, handouts and flyers as well as collections billing inserts promoting waste reduction, reuse, repair, composting, hazard reduction, and proper disposal. (Ongoing)
-  Promote waste prevention, reuse, composting and recycling through Youth and Family Fair and the Del Norte County Fair. (Annual)
-  Provide support to the Del Norte Solid Waste Task Force to promote outreach and education, waste reduction, reuse, composting, recycling and related activities. (Quarterly and Ongoing)
-  Continue to provide presentations to community groups and classrooms as requested. (Ongoing)
-  Respond to telephone, fax, and e-mail requests for information and/or complaints regarding services and rates for Authority facilities, programs, and those of its contractors. Such inquiries may address materials such as hazardous materials, what materials are recyclable or acceptable as brush, outdated medicines, asbestos, and other materials requiring special handling. (Ongoing)
-  Update website as needed and upload meeting agenda and minutes. (Ongoing)
-  Advocate for legislative and regulatory initiatives extending producer responsibilities

for end of life product management to reduce Authority costs for managing discards - especially hazardous materials, products or materials banned from disposal, as well as products or materials requiring special handling including marine flares, sharps, fluorescent tubes and household batteries. (Ongoing)

 Work with the California Product Stewardship Council (CPSC) to promote and establish Extended Producer Responsibility and Take Back programs. (Ongoing)

 Work with the Crescent City Harbor District, US Coast Guard, Del Norte County Sheriff's office, other local representatives and related state agencies to develop strategies to safely manage expired marine flares. (Ongoing)

7. Local Regulations, Ordinances, Plans and Enforcement

 Work with County and City Building and Planning Departments regarding review of Materials Management Plans associated with construction and demolition permits in Del Norte County. (Ongoing)

 Administer Code Enforcement and related Blight Abatement and Cleanup activities through the County's Code Enforcement Officer until such time as these functions are incorporated into relevant City and County Ordinances. (Ongoing)

8. Public Meetings, Budgets, Funding and Fiscal Oversight

 Develop annual budgets, tracking and reporting expenditures and revenues accordingly. (Annual and ongoing)

 Prepare and distribute agendas, minutes, resolutions, ordinances, and related staff reports in compliance with public meeting laws and related agreements and by-laws. Respond to telephone, fax, and e-mail requests for information regarding Authority and Task Force agendas, meetings, minutes and actions. (Ongoing)

  Prepare and submit necessary reports related to post-employment retirement (OPEB) benefits and funding. (Annual)

  Prepare and submit necessary reports related to General Accounting Board Standards Board Statements Numbers 45 and 68. (Annual)

  Work with contractor to complete the annual agency audit report and respond according to recommendations and Board direction. (Annual)

  Establish a written agreement with a person or company to provide Treasurer / Controller services. (2016)

-  Track charge customer accounts and payments, send out monthly statements, assess late charges, and refer past-due accounts to collections under adopted policies. (Ongoing)
-  Solicit, negotiate and administer Del Norte Solid Waste Management Authority and Abandoned Vehicle Abatement Service Authority contracts as necessary. (Ongoing) (The Waste Authority Board also serves as Abandoned Vehicle Abatement Authority.)
-  Develop partnerships with Del Norte County and Crescent City departments to efficiently deliver services. (Ongoing)

9. Personnel and Staffing

-  Work with employees and union representatives as needed to address issues covered under the Memorandum of Understanding with the Del Norte Solid Waste Management Authority Employees Association. (Current agreement expires on June 30, 2019)
-  Recruiting and hiring a full complement of staff according to the adopted staffing chart, including hiring and training refuse site attendants and relief workers for the Del Norte County Transfer Station, as well as the Gasquet and Klamath container sites. (Ongoing)
-  Training staff through regular meetings, workshops, in-service training, annual HAZWOPER (Hazardous Waste Operations) refreshers, educational and/or on-line courses and conferences. (Monthly staff safety meetings and Ongoing)

10. Other Responsibilities and Activities

-  Conduct a competitive process to contract for computer and information technology service contractor.
-  Provide collection and consolidation services as needed for public home-generated sharps drop-off points. (Ongoing)
-  Work with the Del Norte Economic Development Corporation to prepare an application to have the North Coast Recycling Market Development Zone (including Humboldt and Del Norte Counties) redesignated as an enterprise zone promoting recycling market development and development of recovery-based enterprises through technical assistance services and financing opportunities. (Redesignation application to be submitted in 2016)

- ☞ Respond to public, press, government agency and tribal agency requests for information and reports. (Ongoing)
- ☞ Obtain and maintain equipment, signage, supplies and software for monitoring, reporting, scale management, servicing, outreach and collection event activities. (Ongoing)
- ☞ Providing professional assessment and analysis of how other jurisdictions have addressed the issues and concerns identified by the Authority Board, including obtaining model requests for proposals, agreements and/or ordinances. (As needed)

Deferred Discretionary Activities:

- ⊗ Submit application, fees, print forms and conduct training necessary to provide public scale services at the Del Norte County Transfer Station. (Pending, deferred at present)
- ⊗ Work cooperatively with the Humboldt Waste Management Authority for regional promotion of waste prevention, reuse, repair, composting and recycling. (Ongoing)
- ⊗ Provide timely analysis and/or recommendations for Board actions or letters regarding legislation and/or regulations which pertain to Authority activities or programs, including coordination with statewide groups such as the Environmental Services JPA of the Regional Council of Rural Counties or the California Resource Recovery Association. (Ongoing)
- ⊗ Apply for and administer additional competitive grants to support local and/or regional programs as opportunities arise. (Deferred)
- ⊗ Monitor and report on Authority and County implementation of procurement policies promoting the procurement and use of reusable, recyclable, and recycled-content products.(Ongoing)

Deferred Activities associated with Resource Recovery Infrastructure and Recycling Market Development:

- ☞⊗ Through the North Coast Cooperative for Recycling Infrastructure Development (Coop), support expansion of reuse, recycling, and compost processors and manufacturers in Del Norte and Humboldt counties to bolster regional markets for recovered materials. (Ongoing)

-   Use the Coop as a forum for reducing overall program costs by sharing resources and personnel, or storing and consolidating recovered materials at public facilities as opportunities arise. (Ongoing)

-  Develop a plan for the Resource Recovery Park property adjacent to the Del Norte County Transfer Station.

Annual Testing and Reporting Calendar

	January	February	March	April	May	June
Order bottles		LF surfaces	Aerial survey setup			
TS Maintenance		Check tire tread/pressure				Blow, Copher control
LF Maintenance						Spring Mow and Drainage
LF Groundwater						
LF Surface water		Levels + sampling	\$-1, \$-2 & \$-3 samples			
LF Leachate		Drainage / leachate inspection	Drainage / leachate inspection			
Gas Wells			Quantity Testing			Quantity Testing
Reports - RWQCB	15 Jan - Semi-Annual & GeoTracker		Annual T5 Methods Reports due March 15		Stormwater Data Entry and Analysis Surface and Groundwater Data Entry and Analysis	
LEA	House Drainage Oct - Dec		RECYCLING REPORTS DUE MARCH 15		Tonnage disposed	Tonnage disposed
CallRecycle	Tonnage out - Traffic - Capacity + Comments		CallRecycle Mar 9 - 14 Disposal Survey		Tonnage disposed	CallRecycle June 8-14 Disposal Survey / LBO Unit Period E
Publications	CallRecycle Air/Soil Disposal report - Station Report		March DE: Deadline for RDN Bill Inserts			June DE: Deadline for RDN Insert
Community Events	Recycling @ Hamiro's	Phone Book Recycling		Kamahi River Cleanup Earth-Arts Festival Cousin Expo River Cleanup/ Gasquet Park Races		Annual School Surplus Auction

	July	August	September	October	November	December
Order bottles	Groundwater, surface			LF surface		Groundwater, surface
TS Maintenance			Check drain systems, boom, oil / water separators			
LF Maintenance		Winter preparation	Calibrate meters, Other standard solutions	Complete winterization		
LF Groundwater		Levels - sampling				
Surface water		\$-1, \$-2 & \$-3 samples			\$-1, \$-2 & \$-3 samples	
Leachate			Quantity Testing	Drainage / leachate inspection	Drainage / leachate inspection	Quantity Testing
Gas Wells						
Reports - RWQCB	15 July - Semi-Annual & GeoTracker			House Drainage Jul - Sep		Surface and Groundwater Data Entry and Analysis
LEA	Tonnage - Traffic	Tonnage disposed	Tonnage disposed	Tonnage - Traffic	Tonnage disposed	Tonnage disposed
CallRecycle	CallRecycle ANNUAL REPORT	UBG Annual Report DUE 15 August	Oil Center Inspections	CallRecycle Apr-June Disposal Report- Station Report		CallRecycle Dec 8-14 Disposal Survey
Publications	Sched Oil Center + surface recycling info	Del Norte County Fair	School Surplus Auction	Sea Cruise	America Recycle Nov 15, ULS Nov 20	Dec 08: Deadline for RDN BN Insert
Community Events	4th of July Easter in July	Klamath Salmon Festival	Beach Cleanup	It's a Green Day Longboard Surf Contest		Recycling @ Hamiro's

Additional Responsibilities:
Consistent or Concern Monitoring, Summer 2019

Referenced Documents
CMMB Permit 08-AJ-005
RWQCB Monitoring and Reporting Program under Order 37-30
Credit City Landfill Final Closure and Postclosure Maintenance Plan, Amendment 1
Landfill Closure Mitigation & Monitoring Program
Del Norte County Transfer Station Transfer & Processing Report, including the Stormwater Pollution Prevention Plan



Californians Against Waste

Conserving Resources. Preventing Pollution. Protecting the Environment.

February 10, 2017

TO: Senator Bob Wieckowski, Chair Senate Environmental Quality Committee
FROM: Mark Murray, Californians Against Waste
CC: Members, Senate Environmental Quality Committee
RE: **SB 60 (Glazer) – Beverage Container Redemption at Stores
Oppose Unless Amended/Strongly Support if Amended**

There is agreement among virtually all stakeholders that several provisions of the Container Recycling law are in need of update in order to maintain California's recycling success and cost-effectiveness.

In its current form, Senator Glazer's SB 60 attempts to temporarily address one symptom of the current problem—higher costs for grocers and other beverage retailers.

We believe that an amended version of SB 60 provides the best opportunity to take an important first step towards reaching the needed comprehensive fix envisioned by CalRecycle, the Governor's office, and this committee, as well as desired by a majority of program stakeholders.

In its current form, SB 60 would provide a temporary suspension of penalties on retailers operating in about 350 convenience zone locations where recycling centers were forced to close last year. However, the bill does nothing to address the root cause of those recycling center closures.

Hundreds of recycling locations have closed in the last 18 months due to a drop in market scrap values, and an inadvertent failure of the recycling law's 'Processing Payment' mechanism to offset that drop in scrap value as promised by statute. Rural areas have been particularly hard hit, with some areas of the state now having little or no practical redemption opportunity. CalRecycle data shows that recycling levels are already dropping in Northern California, and consumers are foregoing as much as \$335,000 per month 'unredeemed' CRV compared to 2015.

Moving Forward: Recommended Amendments to SB 60

- 1) Return the Recycling Cost basis for Processing Payment and Handling Fees to 2015 levels.
- 2) Adjust Processing Payments & Handling Fee's for containers recycled on/after January 1, 2017.
- 3) Maintain temporary penalty suspension for stores impacted by specified 2016 closures.

Without these (urgent) amendments, more centers will close, consumer frustration will grow, fewer containers will be recycled, and efforts to find a comprehensive fix will be undermined by a compromised infrastructure.

All of these provisions are identical to those passed by the Assembly Natural Resources Committee and unanimously approved by the Assembly in SB 842 in 2016.

We strongly encourage the Committee and Senator Glazer to come together on an amended version of SB 60 when it is heard before the Senate Environmental Quality Committee.

SENATE BILL No. 60

Introduced by Senators Glazer and McGuire

(Coauthor: Assembly Member Baker)

December 21, 2016

An act to add and repeal Section 14571.9 of the Public Resources Code, relating to recycling, and declaring the urgency thereof, to take effect immediately.

SECTION 1. Section 14571.9 is added to the Public Resources Code, to read:

14571.9. (a) Notwithstanding Sections 14571.6, 14571.7, and 14571.8, a convenience zone shall be exempt from the requirements of Section 14571 if any of the following apply:

(1) The convenience zone was served by or exempted because of a recycling center that closed between January 1, 2016, and March 31, 2016.

(2) The convenience zone was served by or exempted because of a recycling center that is closed as a result of an action taken by the department on or after July 1, 2016.

(3) The convenience zone is in a city, county, or city and county that, pursuant to Section 14583, is ineligible for payments, grants, or loans, as a result of the city, county, or city and county adopting or enforcing a land use restriction that prevents the siting or operation of a certified recycling center at a supermarket site on or after July 1, 2016.

(b) Exemptions granted pursuant to this section shall be in addition to the total number of exemptions that the director may grant pursuant to subdivision (d) of Section 14571.8.

(c) This section shall become inoperative on July 1, 2017, and, as of January 1, 2018, is repealed, unless a later enacted statute, that becomes operative on or before January 1, 2018, deletes or extends the dates on which it becomes inoperative and is repealed.

Section 2. Section 14575.2 is added to the Public Resources Code, to read:

14575.2.

(a) Notwithstanding Section 14575, for purposes of calculating and making processing payments for containers redeemed for recycling on and after January 1, 2017, the department shall use the actual cost of recycling that was in effect on December 30, 2015.

(b) The implementation of the provisions of subdivision (a) shall not authorize a change in processing fees established by the department effective January 1, 2017.

(c) This section shall become inoperative on July 1, 2017, and, as of January 1, 2018, is repealed, unless a later enacted statute, that becomes operative on or before January 1, 2018, deletes or extends the dates on which it becomes inoperative and is repealed.

Section 3. Section 14585.2 is added to the Public Resources Code, to read:

14585.2.

(a) Notwithstanding Section 14585, for purposes of calculating and making handling fees for containers redeemed for recycling on and after January 1, 2017, the department shall use the handling fee that was in effect on June 30, 2016.

(b) This section shall become inoperative on July 1, 2017, and, as of January 1, 2018, is repealed, unless a later enacted statute, that becomes operative on or before January 1, 2018, deletes or extends the dates on which it becomes inoperative and is repealed.

SEC. 4. This act is an urgency statute necessary for the immediate preservation of the public peace, health, or safety within the meaning of Article IV of the California Constitution and shall go into immediate effect. The facts constituting the necessity are:

In order to guarantee the continued distribution and availability of our food supply in California, which is threatened when supermarket sites are forced to close when required to pay daily fees for being located in convenience zones without certified recycling locations, it is necessary that this act take effect immediately.