

DISCUSSION/ACTION ITEMS

4. LANDFILL POSTCLOSURE

- 4.1 Status report regarding placement of k-rails along Hights Access Road to deter vehicular trespassing across the landfill property.

5. TRANSFER STATIONS

- 5.1 Status report regarding reconfiguration of carpet recycling area at the Del Norte County Transfer Station.

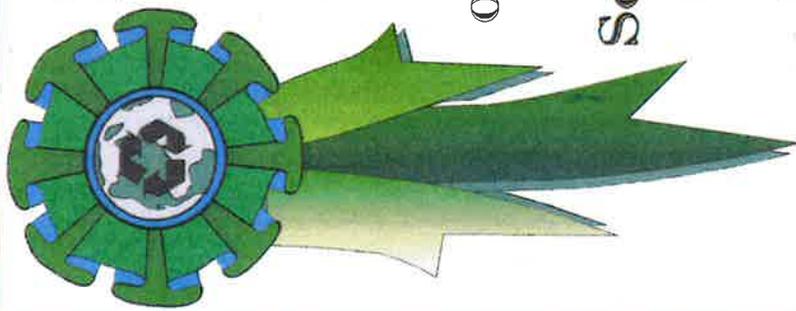
6. COLLECTIONS FRANCHISE – No Items

7. GENERAL SOLID WASTE AUTHORITY MATTERS

- 7.1 Discussion and possible action regarding Authority support for July 4th activities in the greater Crescent City area.
- 7.2 Discussion and possible action regarding June 30, 2019 Actuarial Valuation and GASB 75 Report for Fiscal Year Ending June 30, 2020 prepared by MacLeod Watts. **
- 7.3 Public Hearing, and discussion and possible action regarding the proposed Del Norte Solid Waste Management Authority budget for Fiscal Year 2020/2021. **

10. ADJOURNMENT

Adjourn to the next Regular meeting the Del Norte Solid Waste Management Authority scheduled for 4:00 P.M. Tuesday July 21, 2020. Due to current public health emergency resulting from Covid-19, the public may access and participate in in this public meeting online via this on-line application: Zoom. Details to join the meeting will be on the Del Norte Solid Waste Management Authority's website: www.recycledelnorte.ca.gov.



**2020 Green Ribbon Award
for Outstanding Recycling Service**

is hereby given to

Mike Van Steen

**of Humboldt Moving & Storage
by the Del Norte**

Solid Waste Management Authority

for being the sole retail business to provide recycling services under the Mattress Recycling Council's

Bye-Bye Mattress program, accepting up to six units per household for no charge 9 AM - 1 PM Wednesdays & Saturdays.

Blake Inscore - Chair, DNSWMA

Tedd Ward - Director, DNSWMA

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

Regular Session

Tuesday May 19, 2020

4:00 PM

PRESENT: Commissioner Blake Inscore, Chair
Commissioner Chris Howard, Vice Chair
Commissioner Lori Cowan
Commissioner Michael Tomkins
Authority Director Tedd Ward
Authority Clerk Kyra Seymour
Legal Counsel Martha Rice

ABSENT: Authority Treasurer/Controller Rich Taylor
Commissioner Jason Greenough

ALSO PRESENT: Joel Wallen, Hambro /WSG
David Slagle CEO Hambro/ WSG
Randy Scott, Hambro
Janet Gilbert, County Resident

**4:00 PM CALL MEETING TO ORDER / ROLL CALL
PLEDGE OF ALLEGIANCE**

Chair Inscore called the meeting to order.

Roll was called with all Commissioners present as listed.

Chair Inscore led the pledge of allegiance.

4:01 PM PUBLIC COMMENTS:

The Chair called for public comment, seeing none the Chair closed public comments

1. CEREMONIAL ITEMS:

- 1.1 Presentation of a 2020 Green Ribbon Award to Randy Scott of Hambro Recycling for operating the only Buy-Back Recycling center in Del Norte. **071805**

2.1

The Del Norte Solid Waste Management Authority awarded a 2020 Green Ribbon Award for Outstanding Recycling Service and opening and operating the only CRV redemption center in Del Norte County.

- 1.2 Presentation of a 2020 Green Ribbon Award to Janet Gilbert for creating, organizing, and promoting the Tansy Games. **071805**

The Del Norte Solid Waste Management Authority awarded a 2020 Green Ribbon Award for Outstanding Environmental Activism with the first-ever Tansy Games which saw sixteen teams compete in the eradication of nearly 10,000 pounds of this noxious and invasive species.

OPEN SESSION ITEMS:

2. CONSENT AGENDA

- 2.1 Approve minutes, Regular Session, Tuesday 14 April 2020.
- 2.2 Approve claim #8695 in payment to Harshwall & Associates for Invoice 2638 relating to FY 18/19 auditing services in the amount of \$10,500.00.
- 2.3 Approve claim #8705 in payment to Redwood Leavitt Insurance Agency for Insurance Policies CIP27165003 and CPS3030713R1 in the amount of \$8,893.64
- 2.4 Approve Director's vacation requests for May 20 – 26, 2020.
- 2.5 Approve budget transfer for fiscal year 2019/2020 in the amount of \$189,974.00
022101

On a motion by Commissioner Howard and seconded by Commissioner Tompkins, and unanimously carried on a polled vote, the Del Norte Solid Waste Management Authority approved and adopted the consent agenda, consisting of items 2.1 through 2.5

END CONSENT AGENDA

3. DIRECTOR'S REPORTS

Agenda items 2.1 through 2.5 are provided for information only

- 3.1 Director's Report for April 2020. **231501**
- 3.2 Treasurer / Controller Reports for February 2019
- 3.3 Claims approved by Director & Treasurer for March 2020 **031202**
- 3.4 Monthly Cash and Charge Reports for March 2020
- 3.5 Earned Revenue Comparisons between FY18/19 and FY19/20

Director Ward presented the reports listed above, which the board accepted.

DISCUSSION/ACTION ITEMS

4. LANDFILL POSTCLOSURE

- 4.1 Presentation of Semi-annual monitoring report for the Crescent City Landfill for July- December 2019 as prepared by Lawrence & Associates. **23101A**

The Authority received this report and accepted for filing.

- 4.2 Annual reports to CalRecycle adjusting assessed landfill liabilities for inflation. **060901**

The Authority received this report and accepted for filing.

5. TRANSFER STATIONS

- 5.1 Discussion and possible action regarding Transfer Station Operations Change Order 29 adjusting rates based on changes to CPI. **080104**

On a motion by Commissioner Howard and seconded by Commissioner Greenough, and unanimously carried on a polled vote, the Del Norte Solid Waste Management Authority adopted and approved signatures on Transfer Station Operations Change Order 29 adjusting rates based on changes to the consumer price index (CPI).

6. COLLECTIONS FRANCHISE

- 6.1 Discussion and possible action regarding Collections Change Order 18, adjusting Recology Del Norte's collection rates based on changes to CPI. **080510**

On a motion by Commissioner Howard and seconded by Commissioner Tompkins, and unanimously carried on a polled vote, the Del Norte Solid Waste Management Authority adopted and approved signatures on Collections Change Order 18, adjusting Recology Del Norte's collection rates based on changes to CPI.

7. GENERAL SOLID WASTE AUTHORITY MATTERS

- 7.1 Discussion and possible action regarding possible covid-19 precautions and plans for the 2020 Tansy Games. **200114**

Director Ward presented this item and Board discussion followed regarding possible covid-19 precautions and plans for the 2020 Tansy Games. By consensus, the Authority agreed to continue support and planning for the Second Annual Tansy Games this year.

- 7.2 Discussion and possible action regarding Resolution 2020-03, adjusting refuse disposal rates adjusting the Franchise Collection Rates and the Refuse Disposal

Rates for the Del Norte County Transfer Station, the Klamath Transfer Station & the Gasquet Transfer Station. **Resolution Book**

On a motion by Commissioner Howard and seconded by Commissioner Greenough, and unanimously carried on a polled vote, the Del Norte Solid Waste Management Authority approved and adopted Resolution 2020-03, adjusting refuse disposal rates adjusting the Franchise Collection Rates and the Refuse Disposal Rates for the Del Norte County Transfer Station, the Klamath Transfer Station & the Gasquet Transfer Station.

10.ADJOURNMENT

Adjourn to the next Regular meeting the Del Norte Solid Waste Management Authority scheduled for 4:00 P.M. Tuesday June 16, 2020, anticipated to be convened in a similar on-line format.

There being no more busines to come before the Authority, Chair Inscore adjourned the meeting at 4:32 P.M.

Blake Inscore, Chair
Del Norte Solid Waste Management Authority

Date / /

ATTEST:

Jason Greenough, Secretary
Del Norte Solid Waste Management Authority

Date / /

Submitted:

Kyra Seymour, Clerk
Del Norte Solid Waste Management Authority

Date / /

Vendor Cal PERS

Fiscal Services Division

PO Box 942703

Sacramento

CA 94229-2703

Vendor ID:

18592

PBSP Expense

Change of Address

Special
Warrant
Routing

Claim ID: 8723

Page 1 of 1

AUDITOR COPY



Fund	Dept	Line	Proj	Amount	Description
422	421	70800		\$140,000.00	CERBT ACCT # C1000139725

Total Claim: \$140,000.00

2.2

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

Signature of Department Head/Authorized Deputy

6/4/2020

Claim Date

COPY



Employer Contribution By Check Under Agreement and Election to Prefund Other Post Employment Benefits

18592
70800

C1000139725 CERBT Acct. No.	Del Norte Solid Waste Management Authority Employer Name		
1700 State Street, Crescent City, CA 95531 Employer Address			
Tedd Ward Authorized Employer Representative Name		Director Title	707-465-1100 Telephone Number
Effective date of Agreement and Election to Prefund Other Postemployment Benefits: 06 / 11 / 2010 Month (mm) / Day (dd) / Year (yyyy)			
\$140,000.00 Amount of Contribution		_____ Check Number	
Notes: Payment of budgeted annual OPEB contribution			

Contributions to the Prefunding Plan are governed by the terms of the *Agreement and Election to Prefund Other Postemployment Benefits (Agreement)*.

To ask questions concerning Contributions to the Pre-funding Plan, call 1-888-225-7377, or email questions to CERBT4U@calpers.ca.gov

For proper crediting to your prefunding account, please complete this form and mail with your check payable to CalPERS at the following address:

**CalPERS
Fiscal Services Division
PO Box 942703
Sacramento, CA. 94229-2703**

In addition, please email an electronic copy of this form to FCSD-CERBT@calpers.ca.gov to ensure timely processing of your contribution.

For CalPERS use only

Bank Deposit Code: PEB

Deposit Date ____/____/____
(mm/dd/yyyy)

COPY



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: 12 June 2020
To: Commissioners of the Del Norte Solid Waste Management Authority
From: Tedd Ward, M.S. – Director
Reporting Period: 15 May 2020 – 12 June 2020

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 and accounting, along with 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 per-ton rates charged at Authority-managed facilities continue to be lower than charges for equivalent services facilities in Humboldt and Curry Counties.

Covid-19 and Related Precautions:

During the covid-19 pandemic, Authority staff are using masks and gloves and regularly sanitizing. We now have signs asking customers to wear masks or face coverings and observe social distancing. The Authority has set the following hours for those vulnerable to this virus. Self-haul customers who may be vulnerable are encouraged to use our facilities during these hours, and self-haulers who are less vulnerable are encouraged to come at other times. The hours set for potentially vulnerable self-haulers are:

Del Norte County Transfer Station: Tuesday and Thursday 8 AM to 9 AM.

Klamath Transfer Station: 10 AM to 11 AM on Wednesdays & Sundays

Gasquet Transfer Station: 10 AM to 11 AM on Saturdays.

Ceremonial Item 1.1 is the presentation of a 2020 Green Ribbon Award for Outstanding Commercial Take-Back Program to Mike Van Steen of Humboldt Moving & Storage, which is the only retail participant in the Mattress Recycling Program's Bye-bye Mattress program. They take up to six mattresses or box springs from Del Norte residents on Wednesdays and Saturdays from 9 AM to 1 PM.

All claims above \$5,000 require separate Board approval, and are placed on the consent agenda for this purpose. **Consent Agenda Item 2.1** is a claim to make our annual payment to CalPERS for Other Post-employment benefits in the budgeted amount of \$140,000.

Consent Agenda Item 2.3 is a budget transfer in the amount of \$7,800. These changes are



end-of-the-fiscal-year adjustments to our beverage container (DOC) and oil recycling grants that are a regular feature of our annual management of these grants.

Landfill: **Agenda Item 4.1** is a presentation and status report regarding vehicular barriers placed at the landfill. On May 11th, a wall of k-rails was placed along Hights Access Road under a grant administered by Dominic Mello of Del Norte County. Staff intend that this wall impede the vehicular trespassers across the landfill property, as this was a major access point.

Transfer Stations: **Agenda Item 5.1** is a presentation and status report regarding the replacement of containers used to receive carpet and padding for recycling under the Carpet America Recovery Effort program.

Community Events: **Agenda Item 7.1** is an item to discuss potential support for activities around the greater Crescent City area over the July 4th weekend. Though the Authority has regularly approved allocated dumpsters and paired trash and recycling bins along the parade route, the plans this year have changed due to the ongoing covid-19 pandemic. At the time this agenda was published, Authority staff had not received a specific request from City staff.

Finances: **Agenda Item 7.2** is the Draft Actuarial Valuation and GASB 75 report for the fiscal year ending June 30, 2020 from MacLeod Watts, plus questions and comments from staff. The bottom line is that the Board's strategy of paying more than the minimum calculated amounts required has reduced this liability, but experience in investment performance and actual retirement rates have increased the calculated liabilities. The net result is that our liabilities have increased, but not by as much as they would have had the Authority not made those larger payments during the last three fiscal years. Staff anticipate a final version will be included in an agenda in coming months.

Agenda Item 7.3 is the Authority budget for Fiscal Year 2020-2021. The Authority Director presented the draft Authority budget for FY 2020/2021 to both the Crescent City Council and the Del Norte County Supervisors, but neither body had comments or suggested revisions. Staff had a public hearing notice published twice in the **Del Norte Triplicate** prior to this meeting.

Personnel: Since the start of the outbreak, schedules have been adjusted and staff are working from home when possible to reduce inter-staff contact. Refuse site attendants are wearing masks or face shields and gloves, and regularly sanitizing. In the past month, we have also discussed how staff can effectively comply with the June 3rd Public Health advisory that persons travelling outside of immediately adjacent counties self-quarantine for 14 days following such travel. With a staff of nine, both precautionary self-quarantine and the potential for the virus to be spread among and from our staff create significant potential concerns.

Director Ward was appointed to the Statewide Commission on Recycling Markets and Curbside Recycling, and a summary of the responsibilities of this Commission is attached.

California Statewide Commission on Recycling Markets and Curbside Recycling

Est. under the California Recycling Market Development Act of 2019
Public Resources Code 42005.5

1

18 Representative of public agencies, private solid waste enterprises,
and environmental organizations that have expertise in recycling

Commissioner	Affiliation
John Bouchard	Teamsters 350, Principle Officer
Deborah Cadena	Kern County Recycling
John Davis	Mojave Desert and Mountain Recycling Authority
Jan Dell	The Last Beach Cleanup, Founder
Jeff Donlevy	Ming's Recycling, General Manager
Laura Ferrante	Waste Alternatives, Owner
Joseph Kalpakoff	Mid Valley Disposal, CEO
Gil Koda	Santa Ysabel Indian Mission, Facilities Manager
Nick Lapis	Californians Against Waste, Director of Advocacy
Manuel Medrano	City of Chula Vista, Environmental Services Manager
Alex Oseguera	Waste Management, Director of Government Affairs
Eric Potashner	Recology, Senior Director of Strategic Affairs
Heidi Sanborn	National Stewardship Action Council
Ann Schneider	Millbrae Vice Mayor
Coby Skye	LA County Public Works, Assistant Deputy Director
Sara Toyoda	City of Indio, Environmental Programs Coordinator
Richard Valle	Tri-CD Community Recycling, CEO
Teddi Ward	Del Norte Solid Waste Management Director

2

Issues Policy Recommendations to achieve these market development goals:

- (1) Increase market demand for postconsumer waste materials and secondary waste materials available due to California's source reduction and recycling programs.
- (2) Increase demand for recycled content products, especially high quality, value-added products.
- (3) Promote efficient local waste diversion systems which yield high quality, industrially usable feedstocks.
- (4) Promote the competitive collection and use of secondary waste materials

3

These Market Development Policies are intended to support and complement

- Continuing community programs relating to the source reduction, recycling, and composting intended to meet and exceed achieve the 50% diversion goals
- Continuing and new programs relating to (SB 1383):
 - (1) A 50-percent reduction in the level of the statewide disposal of organic waste from the 2014 level by 2020.
 - (2) A 75-percent reduction in the level of the statewide disposal of organic waste from the 2014 level by 2025.

4

Timeline for Initial Report



5

The Commission is also to help CalRecycle identify products as recyclable or compostable

- CalRecycle has recently adopted regulations on these definitions

& to provide feedback to CalRecycle regarding public messaging to encourage proper recycling and to minimize contamination in curbside recycling programs.

6

In Other Words...Two Big Questions:

We in California have shifted 50-75% of what was once trash into the commodity markets, and have passed laws to create new programs to keep 75% of the organic materials out of landfill.

- **What should be done about markets?** What are the policies we need to adopt to establish adequately sized and flexible facilities, infrastructure, and markets to reliably absorb those materials as commodities and provide adequate economic incentive to keep those collectors, processors, transporters, brokers and manufacturers in business?
- **How can we recycle better?** How do we keep the recycling & composting messages simple to reduce contamination with non-recyclable/non-compostable materials?

7

Initial Thoughts

- Creation of this Commission is admission that recycling market development remains a challenge – political, economic, and environmental
- Unfunded, unstaffed....Commissioners receive no CA compensation for time or travel
- Many affiliated groups – ESJPA, CPSC, CRRA, CAW, SWANA, CRRC interested
- Who will be listening? CalRecycle, possibly legislators, maybe others
- Different commodities, different markets, different contaminants
- While 'Curbside' is in the name of the Commission, all AB939 and SB1383 programs have a relation to outreach, collection, contamination, separation, processing, and market policies
- Market development tools include minimum content requirements, economic and industrial policies and incentive programs.
- Much work to be done before the end of the year
- More work after that for annual updates

8

Solid Waste
Balance Sheet
 April 30, 2020

Unaudited

ASSETS

422 010 00000	Cash Solid Waste	1,286,588.69
422 010 00300	Imprest Cash	3,500.00
422 010 00500	I Bank Loan Deposit Held by County	198,177.17
422 010 01100	Accounts Receivable	4,079.55
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	(158,444.00)
422 010 03450	Accum Depr Bldg & Improv	(223,435.00)
422 010 03460	Accum Depr Transfer Station	(1,082,227.00)
	Total Assets	<u>4,088,312.49</u>

LIABILITIES AND FUND EQUITY

422 010 05210	Sublease Payable	2,513,212.50
422 010 05300	Compensated Absences Payable	57,426.74
422 010 05400	Deferred Revenue	3,244.68
422 010 05500	Post Closure Liability	2,046,994.00
422 010 05600	Net OPEB Obligation	423,573.00
422 010 07100	Fund Balance	(1,783,505.02)
422 010 09600	Investment in Capital Assets net of related debt	671,843.00
	Revenue	2,974,795.77
	Expenditure	(2,819,272.18)
	Total Liabilities and Fund Equity	<u>4,088,312.49</u>

RECEIVED
 MAY 27 2020

DNSWMA

Del Norte Solid Waste Management Authority A/R Aging Summary As of June 1, 2020

	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
A	56.62	0.00	0.00	0.00	0.00	56.62
A	92.62	0.00	0.00	0.00	0.00	92.62
A	0.00	0.00	0.00	0.00	989.02	989.02
B	0.65	0.00	6.46	0.00	0.00	7.11
B	28.99	0.00	0.00	0.00	0.00	28.99
B	74.29	56.91	173.79	0.00	0.00	304.99
C	102.03	150.03	0.00	0.00	0.00	252.06
C	293.76	0.00	0.00	0.00	0.00	293.76
C	0.00	0.00	0.00	0.01	0.00	0.01
C	685.16	274.72	66.34	0.00	0.00	1,026.22
C	167.65	0.00	0.00	0.00	0.00	167.65
C	748.89	0.00	0.00	0.00	0.00	748.89
C	58.44	0.00	0.00	0.00	0.00	58.44
C	555.23	0.00	0.00	0.00	0.00	555.23
C	37.72	0.00	0.00	0.00	0.00	37.72
C	83.57	0.00	0.00	0.00	0.00	83.57
D	18.96	0.00	0.00	0.00	0.00	18.96
D	156.91	110.71	0.00	0.00	0.00	267.62
D	6.54	0.00	0.00	0.00	0.00	6.54
D	299.47	0.00	0.00	0.00	0.00	299.47
D	0.00	0.00	0.00	26.15	257.92	284.07
E	284.53	92.48	0.00	0.00	0.00	377.01
E	282.99	0.00	0.00	0.00	0.00	282.99
F	0.00	21.53	0.00	0.00	0.00	21.53
G	121.02	0.00	0.00	0.00	0.00	121.02
G	290.99	176.80	0.00	0.00	0.00	467.79
G	15.38	0.00	0.00	0.00	0.00	15.38
G	198.40	0.00	0.00	0.00	0.00	198.40
G	18.77	0.00	0.00	0.00	0.00	18.77
G *****HOLD*****	2.76	55.14	0.00	551.42	0.00	609.32
H	7.67	0.00	0.00	0.00	0.00	7.67
H	83.06	0.00	0.00	0.00	0.00	83.06
H	142.13	0.00	0.00	0.00	0.00	142.13
H	261.61	0.00	2,616.14	0.00	0.00	2,877.75
H	59.98	0.00	0.00	0.00	0.00	59.98
I	54.22	60.23	0.00	0.00	0.00	114.45
J	130.73	0.00	0.00	0.00	0.00	130.73
J	239.01	0.00	0.00	0.00	0.00	239.01
K	52.00	75.05	0.00	0.00	0.00	127.05
K	1,799.66	0.00	0.00	0.00	0.00	1,799.66
L	24.61	0.00	0.00	0.00	0.00	24.61
L	33.84	46.14	0.00	0.00	0.00	79.98
L	346.11	0.00	0.00	0.00	0.00	346.11
M	0.00	9.00	0.00	0.00	0.00	9.00
M	92.23	0.00	0.00	0.00	0.00	92.23

Del Norte Solid Waste Management Authority
A/R Aging Summary
As of June 1, 2020

	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
M	412.19	0.00	0.00	0.00	0.00	412.19
M	137.18	0.00	0.00	0.00	0.00	137.18
N	43.06	0.00	0.00	0.00	0.00	43.06
N	16.00	0.00	0.00	0.00	0.00	16.00
N	29.48	40.04	0.00	0.00	0.00	69.52
N	16.92	0.00	0.00	0.00	0.00	16.92
N	439.27	0.00	0.00	0.00	0.00	439.27
P	521.75	0.00	0.00	0.00	0.00	521.75
P	315.29	101.93	0.00	0.00	0.00	417.22
P	252.24	0.00	0.00	0.00	0.00	252.24
P	40.55	0.00	0.00	0.00	0.00	40.55
P	8.00	0.00	0.00	0.00	0.00	8.00
P	27.69	0.00	0.00	0.00	0.00	27.69
P *****COLLECTIONS*****	0.00	0.00	0.00	0.00	682.16	682.16
R	0.00	87.67	0.00	0.00	0.00	87.67
R	108,266.45	0.00	0.00	0.00	0.00	108,266.45
R	12,893.05	0.00	0.00	0.00	0.00	12,893.05
R	7,425.49	0.00	0.00	0.00	0.00	7,425.49
R	1,057.85	0.00	0.00	0.00	0.00	1,057.85
R *COLLECTIONS*	0.00	0.00	0.00	0.00	1,503.53	1,503.53
R	149.19	0.04	0.00	0.00	0.00	149.23
R	1,611.81	0.00	0.00	0.00	0.00	1,611.81
R	98.74	0.00	0.00	0.00	0.00	98.74
R	399.59	0.00	0.00	0.00	0.00	399.59
R	83.05	0.00	0.00	0.00	0.00	83.05
R	21.84	0.00	0.00	0.00	0.00	21.84
S	3,745.02	0.00	0.00	0.00	0.00	3,745.02
S	8.00	0.00	0.00	0.00	0.00	8.00
S	39.80	0.00	0.00	0.00	0.00	39.80
S	129.99	24.43	0.00	0.00	0.00	154.42
S	3,152.91	0.00	0.00	0.00	0.00	3,152.91
S	72.28	0.00	0.00	0.00	0.00	72.28
T	209.98	218.03	0.00	0.00	0.00	428.01
T	73.82	0.00	0.00	0.00	0.00	73.82
T	942.79	0.00	0.00	0.00	0.00	942.79
T	172.45	0.00	0.00	0.00	0.00	172.45
V	2,340.85	0.00	0.00	0.00	0.00	2,340.85
Y	184.74	0.00	0.00	0.00	0.00	184.74
Y *****HOLD*****	0.93	0.92	0.93	0.92	166.43	170.13
TOTAL	153,349.44	1,601.80	2,863.66	578.50	3,599.06	161,992.46

CLAIMS APPROVED BY THE DIRECTOR

Del Norte Solid Waste Management Authority

Claims for May 2020

<i>Date Paid</i>	<i>Paid to:</i>	<i>Budget</i>	<i>Amt. Paid</i>	<i>Description</i>	<i>Claim #</i>
5/3/2020	Taylor, Richard D	20235	\$ 240.00	Treasurer/Controller Services Apr 2020	8699
5/3/2020	North Coast Laboratories, Ltd.	20232	\$ 5.00	INV 152349 ELAP Fee, 1	8700
	North Coast Laboratories, Ltd.	20232	\$ 90.00	INV 152349 Turbidity, 3	
	North Coast Laboratories, Ltd.	20232	\$ 120.00	INV 152349 Settleable Solids, 3	
	North Coast Laboratories, Ltd.	20232	\$ 105.00	INV 152349 Nitrate and/or Nitrite, 3	
	North Coast Laboratories, Ltd.	20232	\$ 45.00	INV 152349 Metals Filtration, 3	
	North Coast Laboratories, Ltd.	20232	\$ 120.00	INV 152349 Mercury, 3	
	North Coast Laboratories, Ltd.	20232	\$ 540.00	INV 152349 ICP-MS Metals, 3	
	North Coast Laboratories, Ltd.	20232	\$ 252.00	INV 152349 ICAP Metals, 3	
	North Coast Laboratories, Ltd.	20232	\$ 255.00	INV 152349 Hexane Extractable Oil and Grease, 3	
	North Coast Laboratories, Ltd.	20232	\$ 100.00	INV 152349 Geotracker Reporting, 1	
	North Coast Laboratories, Ltd.	20232	\$ 600.00	INV 152349 EPA 8260B, 3	
	North Coast Laboratories, Ltd.	20232	\$ 150.00	INV 152349 Chemical Oxygen Demand, 3	
5/7/2020	Del Norte Office Supply	20224	\$ 22.56	INV 600998 DAX Solid Wood Award Plaque	8701
5/7/2020	G.H. Outreach	20285	\$ 120.00	INV 662091 Apr 2020 Recycling Services	8702
5/7/2020	Curry Transfer Roto-Rooter	20140	\$ 109.65	INV 66070630 GTS PortaPotty Apr 2020	8703
	Curry Transfer Roto-Rooter	20140	\$ 187.05	INV 66070631 KTS PortaPotty Apr 2020	
5/7/2020	Recology Del Norte	20238	\$ 1,881.09	INV 4433 Klamath Beach Rd 04/20 Bin Pulls	8704
	Recology Del Norte	20238	\$ 627.03	INV 4432 Old Gasquet Toll Rd 04/20 Bin Pulls	
5/14/2020	Hambro/Waste Solutions	20239	\$ 178,956.61	INV 2020-04 Materials Management Apr 2020	8706
5/14/2020	U S Bank Corp P S	20224	\$ 4.27	TR# 09606 Blk Elcst Va	8707
	U S Bank Corp P S	20140	\$ 17.29	CONF 1596718228 Mask Filter PM2.5 5Pk, 3	
	U S Bank Corp P S	20224	\$ 13.75	ORD 113-0328940-7824261 Black Mask 3Pk, 1	
	U S Bank Corp P S	20140	\$ 18.46	ORD 113-6534564-0039415 Procedure Mask 50Pk, 1	
	U S Bank Corp P S	20140	\$ 21.90	ORD 113-0230156-0571441 Alcohol Wipes 2Pk, 2	
	U S Bank Corp P S	20224	\$ (23.23)	CONF 1606481147 Mask with Filler 3Pk, 1	
	U S Bank Corp P S	20224	\$ 19.22	TR# 09606 Cby Ctn, 2.0Yd	
	U S Bank Corp P S	20224	\$ 10.69	TR# 09606 Gilded Scal, 2.0Yd	
	U S Bank Corp P S	20224	\$ 8.39	TR# 09606 Wv Sd Steel, 2.625Yd	
	U S Bank Corp P S	20224	\$ 4.39	TR# 09606 Wv Sd Steel, 1.375Yd	
	U S Bank Corp P S	20224	\$ 4.13	TR# 09606 Elastics, 1	
	U S Bank Corp P S	20224	\$ 23.23	CONF 1606481147 Mask with Filter 3Pk, 1	
	U S Bank Corp P S	20224	\$ 5.34	TR# 09606 Dish Towels	
	U S Bank Corp P S	20224	\$ 43.78	ORD 468240134 Black Laptop Case, 1	
	U S Bank Corp P S	20224	\$ 1.91	TR# 09606 Elastic	
	U S Bank Corp P S	20224	\$ 5.20	TR# 09606 FC Nautical	
	U S Bank Corp P S	20224	\$ 21.48	ORD 113-2907051-0194605 Face Shield 5Pk, 1	
	U S Bank Corp P S	20140	\$ 47.85	ORD 113-5901637-8608252 PM2.5 Pro Filtr 100Pk, 1	
	U S Bank Corp P S	20224	\$ 75.13	ORD 113-5642834-6885031 Infrared Thermometer, 1	
	U S Bank Corp P S	20275	\$ 67.17	ORD 111-0515540-4353817 HD 1080P Webcam, 1	
	U S Bank Corp P S	20232-002	\$ 14.99	INV15416664 Zoom Std Pro 04/13-05/12/20	
	U S Bank Corp P S	20224	\$ 170.93	ORD 479879413 Refurb Topaz T-L462 Sig Pad	
	U S Bank Corp P S	20224	\$ 214.99	ORD 113-9247030-0634632 Topaz T-LBK462-HS	
	U S Bank Corp P S	20240-071	\$ 1,125.00	REF 032320-1 WIRO Advertising	
	U S Bank Corp P S	20224	\$ 5.34	TR# 09606 Dish Towels	
5/14/2020	Quill	20140	\$ 12.48	INV 9103735 Purl Hd Stzr Frg Free Wps 40Pc, 3	8708
	Quill	20224	\$ 20.41	INV 6816295 Ppr Cpy 20# Ltr Sn 5C	
5/18/2020	DNC Auditor	20121	\$ 119.97	Office Telephone Service 04/19-05/18/20	Interdepartmental
5/18/2020	DNC Auditor	20237	\$ 3,913.80	Debit/Credit Mo Apr 2020	Interdepartmental
5/18/2020	Butcher, Andrew	20231	\$ 750.00	INV 000008-R-0010 IT Services Jun 2020	8709
5/18/2020	United States Cellular	20121	\$ 102.16	INV 0371770589 05/04-06/03/20 Cell Service	8710
5/21/2020	Campbell, Robyn	20290	\$ 428.95	Mileage Reimbursement 01/29-05/13/20	8711

5/21/2020	Container Recycling Institute	20200	\$ 500.00	CRI Newsletter Membership	8712
5/21/2020	Mission Linen Supply	20140	\$ 31.09	INV 512483405 Linen Service 05/19/20	8713
	Mission Linen Supply	20140	\$ 31.09	INV 512389309 Linen Service 05/05/20	
5/21/2020	Canon Financial Services, Inc.	20221	\$ 52.04	INV 21461980 Printing Charges Apr 2020	8714
	Canon Financial Services, Inc.	20250	\$ 142.02	INV 21461980 Contract Rental May 2020	
5/23/2020	Recology Del Norte	20288	\$ 687.07	BILL 05827522 1001 Front St - Cultural Cntr	8715
	Recology Del Norte	20283	\$ 525.88	BILL 05827548 500 Cooper Ave - County Yard	
	Recology Del Norte	20288	\$ 290.17	BILL 05827555 900 Tenth St - City Yard	
5/26/2020	Hambro Forest Products	20240-072	\$ 36.58	ORD 77439317 4'x4' Vinyl Banner, 1	8716
	Hambro Forest Products	20240-072	\$ 17.46	ORD 77439317 9"x24" Corrugated Plastic, 1	
	Hambro Forest Products	20240-072	\$ 42.59	ORD 77439317 4'x4' Vinyl Banner, 1	
	Hambro Forest Products	20240-072	\$ 82.90	ORD 77439317 4'x4' Vinyl Banner, 2	
	Hambro Forest Products	20240-072	\$ 66.34	ORD 77439317 24"x30" Corrugated Plastic, 2	
5/26/2020	DNC Auditor	20297	\$ 23.55	C Renner Petroleum fuel charges 04/16-30/20	Interdepartmental
5/26/2020	Crescent Ace Hardware	20224	\$ 27.94	INV 821715 Headgear Ratchet Type, 1	8717
	Crescent Ace Hardware	20224	\$ 7.08	INV 820702 Dsp Glove Ltx Os Whl Pf, 1	
	Crescent Ace Hardware	20224	\$ 17.16	INV 820702 Sfty Goggle Af Chm Splsh, 4	
	Crescent Ace Hardware	20224	\$ 2.14	INV 820702 Extndable Funnel, 1	
5/28/2020	Black Rice & Luna LLP	20234	\$ 205.00	INV 521 Legal Services Apr 2020	8718
5/28/2020	Country Media, Inc.	20240	\$ 186.90	AD 286557 Pub Hearing Budget Ads, 06/05&12/20, 2	8719
	TOTAL		\$ 194,770.36		

DNSWMA			
GRAND TOTALS			
May 2020			
	Amount to 422-421 91003 66.53%	Amount to 422-421 91004 33.47%	TOTAL AMOUNT
DNCTS Cash Total	41,118.64	20,686.02	61,804.66
DNCTS Charge Total	106,065.31	53,359.48	159,424.79
DNCTS Credit/Debit	48,185.52	24,241.24	72,426.76
DNCTS Adjustment	-698.48	698.48	0.00
DNCTS Totals	194,671.00	98,985.21	293,656.21
Klamath Cash Total		7,566.24	7,566.24
Klamath Charge Total			
Klamath Adjustment			
Klamath Totals		7,566.24	7,566.24
Gasquet Cash Total		2,157.62	2,157.62
Gasquet Charge Total		151.03	151.03
Gasquet Adjustment			
Gasquet Totals		2,308.65	2,308.65
GRAND TOTALS	194,671.00	108,860.10	303,531.10

DNSWMA									
KLAMATH TRANSFER STATION - DEPOSITS									
May-2020									
			TOTAL			TOTAL		TOTAL	
Date	Cash	Checks	Deposit	Over / Short	Sales	Sales	Charges	Charge	Tickets
May 3, 2020	843.07	15.30	858.37	1.10	857.27	858.37		858.37	46
May 6, 2020	570.78	194.93	765.71		765.71	765.71		765.71	25
May 10, 2020	737.88	77.42	815.30	(0.09)	815.39	815.30		815.30	41
May 13, 2020	217.79	84.59	302.38		302.38	302.38		302.38	14
May 17, 2020	641.01	9.00	650.01	0.90	649.11	650.01		650.01	43
May 20, 2020	1,020.71	211.48	1,232.19	0.05	1,232.14	1,232.19		1,232.19	39
May 24, 2020	856.58	109.22	965.80	(0.01)	965.81	965.80		965.80	34
May 27, 2020	765.54		765.54	0.23	765.31	765.54		765.54	31
May 31, 2020	1,176.63	34.31	1,210.94	0.02	1,210.92	1,210.94		1,210.94	44
			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		0.00	
TOTAL	6,829.99	736.25	\$ 7,566.24	2.20	7,564.04	\$ 7,566.24	\$ -	\$7,566.24	317
	TOTAL SALES (CASH + CHARGE)								
Date	Wednesday	Friday	Sunday						
May 3, 2020			858.37						
May 6, 2020	765.71								
May 10, 2020			815.30						
May 13, 2020	302.38								
May 17, 2020			650.01						
May 20, 2020	1,232.19								
May 24, 2020			965.80						
May 27, 2020	765.54								
May 31, 2020			1,210.94						
TOTALS	3,065.82	0.00	\$4,500.42						
DAILY AVERAGE	766.46		\$900.08						

DAILY TICKET REPORT				
DNSWMA TRANSFER STATION				
MONTH: May 2020				
Date	BEGIN	END	VOIDED TICKETS	TICKET COUNT
1	1144778	1145034		257
2	1145035	1145147		113
3	1145148	1145455		308
4	1145456	1145725		270
5	1145726	1145958		233
6	1145959	1146184		226
7	1146185	1146415		231
8	1146416	1146709		294
9	1146710	1146988		279
10	1146989	1147216	1	227
11	1147217	1147426	1	209
12	1147427	1147563		137
13	1147564	1147681		118
14	1147682	1147851		170
15	1147852	1148181		330
16	1148182	1148409		228
17	1148410	1148575		166
18	1148576	1148805		230
19	1148806	1149031		226
20	1149032	1149294		263
21	1149295	1149513		219
22	1149514	1149790		277
23	1149791	1150052		262
24	1150053	1150302		250
25	CLOSED			
26	1150303	1150698		396
27	1150699	1150994		296
28	1150995	1151247		253
29	1151248	1151568		321
30	1151569	1151683		115
31	1151684	1151962		279
TOTAL			2	7183

High
396

Low
113

Daily Ave.
239

MONTHLY SPLIT SHEET
DNSWMA TRANSFER STATION
MONTH: MAY 2020

Date	Cash	Checks	Cash/Check		Visa	Master	Discover	AmExp	Credit Card Total	Charges	Grand Total	66.53% 91003	33.47% 91004	20286	Total
			Total	Total											
1	\$ 1,892.12	\$ 102.56	\$ 1,994.68	\$ 1,968.53	\$ 279.57	\$ 21.53	\$ 8.00	\$ 2,277.63	\$ 7,362.20	\$ 11,634.51	\$ 1,327.06	\$ 667.62	(\$0.41)	\$ 1,994.27	
2	\$ 786.99	\$ 75.36	\$ 862.35	\$ 2,126.30	\$ 53.83			\$ 2,180.13	\$ 284.49	\$ 3,326.97	\$ 573.72	\$ 288.63	\$0.01	\$ 862.36	
3	\$ 2,374.44	\$ 875.43	\$ 3,249.87	\$ 2,981.57	\$ 64.90	\$ 18.46		\$ 3,064.93	\$ 231.54	\$ 6,546.34	\$ 2,162.14	\$ 1,087.73	(\$6.22)	\$ 3,243.65	
4	\$ 2,168.05	\$ 130.75	\$ 2,298.80	\$ 1,715.32	\$ 290.33	\$ 32.30		\$ 2,037.95	\$ 9,093.65	\$ 13,430.40	\$ 1,529.39	\$ 769.41	\$1.55	\$ 2,300.35	
5	\$ 1,947.14	\$ 7.40	\$ 1,954.54	\$ 2,400.32	\$ 572.00	\$ 12.57		\$ 2,984.89	\$ 8,090.35	\$ 13,029.78	\$ 1,300.36	\$ 654.18	\$0.02	\$ 1,954.56	
6	\$ 1,642.00	\$ 181.79	\$ 1,823.79	\$ 2,790.02	\$ 71.06	\$ 30.76		\$ 2,891.84	\$ 5,616.78	\$ 10,332.41	\$ 1,213.37	\$ 610.42	(\$6.84)	\$ 1,816.95	
7	\$ 1,465.80	\$ 187.63	\$ 1,653.43	\$ 1,473.44	\$ 42.27		\$ 13.84	\$ 1,529.55	\$ 6,382.03	\$ 9,565.01	\$ 1,100.03	\$ 553.40	\$0.98	\$ 1,654.41	
8	\$ 2,362.59	\$ 141.81	\$ 2,504.40	\$ 2,635.77	\$ 74.09	\$ 28.84	\$ 8.00	\$ 2,746.70	\$ 6,174.76	\$ 11,425.86	\$ 1,666.18	\$ 838.22	(\$0.17)	\$ 2,504.23	
9	\$ 2,637.42	\$ 170.03	\$ 2,807.45	\$ 2,976.98	\$ 233.43	\$ 35.37		\$ 3,245.78	\$ 199.55	\$ 6,252.78	\$ 1,867.80	\$ 939.65	\$1.25	\$ 2,808.70	
10	\$ 1,369.99	\$ 351.83	\$ 1,721.22	\$ 3,337.49	\$ 53.83			\$ 3,391.32	\$ 365.14	\$ 5,477.68	\$ 1,145.13	\$ 576.09	(\$0.11)	\$ 1,721.11	
11	\$ 1,900.89	\$ 172.44	\$ 2,073.33	\$ 2,127.86	\$ 16.00	\$ 7.40		\$ 2,151.26	\$ 7,676.63	\$ 11,901.22	\$ 1,379.39	\$ 693.94		\$ 2,073.33	
12	\$ 930.62	\$ 224.67	\$ 1,155.29	\$ 1,520.19		\$ 10.77		\$ 1,530.96	\$ 8,174.66	\$ 10,860.91	\$ 768.61	\$ 386.68	\$0.01	\$ 1,155.30	
13	\$ 634.01	\$ 30.76	\$ 664.77	\$ 1,715.73	\$ 16.92			\$ 1,732.65	\$ 5,223.47	\$ 7,620.89	\$ 442.27	\$ 222.50	(\$0.33)	\$ 664.44	
14	\$ 1,268.99	\$ 461.44	\$ 1,730.43	\$ 1,183.61	\$ 37.22			\$ 1,220.83	\$ 5,598.59	\$ 8,549.85	\$ 1,151.26	\$ 579.17	(\$0.12)	\$ 1,730.31	
15	\$ 2,758.61	\$ 147.79	\$ 2,906.40	\$ 2,697.71	\$ 250.26			\$ 2,947.97	\$ 10,249.52	\$ 16,103.89	\$ 1,933.63	\$ 972.77	\$4.61	\$ 2,911.01	
16	\$ 2,028.26	\$ 43.01	\$ 2,071.27	\$ 1,822.25	\$ 75.95			\$ 1,898.20	\$ 363.73	\$ 4,333.20	\$ 1,378.02	\$ 693.25	(\$0.02)	\$ 2,071.25	
17	\$ 1,495.21	\$ 16.00	\$ 1,511.21	\$ 1,665.24	\$ 106.70	\$ 41.53	\$ 29.22	\$ 1,842.69	\$ 29.22	\$ 3,383.12	\$ 1,005.41	\$ 505.80	(\$0.11)	\$ 1,511.10	
18	\$ 1,495.50	\$ 300.18	\$ 1,795.68	\$ 2,208.68	\$ 109.85			\$ 2,318.51	\$ 7,248.85	\$ 11,363.04	\$ 1,194.67	\$ 601.01	(\$0.19)	\$ 1,795.49	
19	\$ 2,545.40	\$ 29.53	\$ 2,574.93	\$ 1,507.79	\$ 99.98		\$ 26.15	\$ 1,633.92	\$ 9,018.11	\$ 13,226.96	\$ 1,713.10	\$ 861.83	(\$8.84)	\$ 2,566.09	
20	\$ 2,742.70	\$ 103.81	\$ 2,846.51	\$ 2,004.09	\$ 73.22	\$ 87.66	\$ 9.23	\$ 2,174.20	\$ 6,243.78	\$ 11,264.49	\$ 1,893.78	\$ 952.73	(\$11.14)	\$ 2,835.37	
21	\$ 1,306.73	\$ 35.68	\$ 1,342.41	\$ 2,564.28	\$ 248.87	\$ 19.99		\$ 2,833.14	\$ 6,822.36	\$ 10,997.91	\$ 893.11	\$ 449.30	(\$0.22)	\$ 1,342.19	
22	\$ 1,824.71	\$ 272.11	\$ 2,096.82	\$ 2,023.40	\$ 157.94			\$ 2,181.34	\$ 8,244.18	\$ 12,522.34	\$ 1,395.01	\$ 701.81	\$1.10	\$ 2,097.92	
23	\$ 2,284.42	\$ 147.65	\$ 2,432.07	\$ 2,834.10	\$ 59.98			\$ 2,894.08	\$ 1,166.96	\$ 6,493.11	\$ 1,618.06	\$ 814.01	\$0.20	\$ 2,432.27	
24	\$ 2,272.82	\$ 330.43	\$ 2,603.25	\$ 2,443.45				\$ 2,443.45	\$ 197.03	\$ 5,243.73	\$ 1,731.94	\$ 871.31	\$0.34	\$ 2,603.59	
25	CLOSED		\$ -					\$ -		\$ -	\$ -	\$ -		\$ -	
26	\$ 3,104.01	\$ 69.10	\$ 3,173.11	\$ 4,013.44	\$ 234.74	\$ 15.38	\$ 76.90	\$ 4,340.46	\$ 11,296.85	\$ 18,810.42	\$ 2,111.07	\$ 1,062.04	\$3.13	\$ 3,176.24	
27	\$ 2,023.51	\$ 81.82	\$ 2,105.33	\$ 2,166.36	\$ 168.78	\$ 8.00		\$ 2,343.14	\$ 7,308.32	\$ 11,756.79	\$ 1,400.68	\$ 704.65	(\$0.13)	\$ 2,105.20	
28	\$ 1,441.71		\$ 1,441.71	\$ 2,230.22	\$ 336.85	\$ 27.68	\$ 18.77	\$ 2,613.52	\$ 10,047.93	\$ 14,103.16	\$ 959.17	\$ 482.54	\$0.05	\$ 1,441.76	
29	\$ 3,385.65	\$ 146.12	\$ 3,531.77	\$ 2,199.24	\$ 154.73	\$ 4.44		\$ 2,358.41	\$ 5,629.54	\$ 11,519.72	\$ 2,349.69	\$ 1,182.08	\$1.15	\$ 3,532.92	
30	\$ 949.65		\$ 949.65	\$ 1,384.85	\$ 51.11			\$ 1,435.96	\$ 4,808.11	\$ 7,193.72	\$ 631.80	\$ 317.85	(\$0.24)	\$ 949.41	
31	\$ 1,808.22	\$ 119.97	\$ 1,928.19	\$ 3,078.91	\$ 71.37	\$ 31.07		\$ 3,181.35	\$ 276.46	\$ 5,366.00	\$ 1,282.82	\$ 645.37	\$0.95	\$ 1,929.14	
TOTALS	\$ 56,847.56	\$ 4,957.10	\$ 61,804.66	\$ 67,797.12	\$ 4,005.78	\$ 433.75	\$ 190.11	\$ 72,426.76	\$ 159,424.79	\$ 293,656.21	\$ 41,118.64	\$ 20,686.02	(\$19.74)	\$ 61,784.92	

oil pd \$2.00

AUTHORITY REVENUE REPORT May 2020

2018/19			2019/2020		
Authority Service Fees			Budget/Month		Adjusted Annual Budget
			\$ 96,123.74	\$	1,153,484.84
2018/19		Comparison FY18/19	2019/2020		Over Budget / Month
			Actual / Month		
July	\$ 113,416.74	\$ 2,927.28	July	\$ 116,344.02	\$ 20,220.28
August	\$ 115,106.61	\$ 1,398.82	August	\$ 116,505.43	\$ 20,381.69
September	\$ 106,561.83	\$ (9,578.41)	September	\$ 96,983.42	\$ 859.68
October	\$ 116,356.03	\$ (3,894.30)	October	\$ 112,461.73	\$ 16,337.99
November	\$ 98,098.36	\$ (5,167.25)	November	\$ 92,931.11	\$ (3,192.63)
December	\$ 89,040.99	\$ (957.74)	December	\$ 88,083.25	\$ (8,040.49)
January	\$ 98,331.77	\$ (3,415.69)	January	\$ 94,916.08	\$ (1,207.66)
February	\$ 77,577.14	\$ 21,710.20	February	\$ 99,287.34	\$ 3,163.60
March	\$ 101,658.28	\$ (3,929.34)	March	\$ 97,728.94	\$ 1,605.20
April	\$ 99,121.74	\$ (555.50)	April	\$ 98,566.24	\$ 2,442.50
May	\$ 106,034.46	\$ 2,825.64	May	\$ 108,860.10	\$ 12,736.36
June	\$ 114,801.94	\$ -	June		\$ -
Total	\$ 1,236,105.89	\$ 1,363.71	Total	\$ 1,122,667.66	\$ 65,306.56

Over last year

Exceeding Budget

AUTHORITY REVENUE REPORT May 2020

2018 / 2019			2019 / 2020		
Franchise Fee Actual Annual			Budget/Month		Budget/Year
			\$ 28,492.50	\$	341,910.00
2018 / 2019		Comparison FY 18/19	2019 / 2020		Over Budget
			Actual / Month		
July	\$ 24,992.00	\$ 4,200.00	July	\$ 29,192.00	\$ 699.50
August	\$ 26,314.00	\$ 4,807.00	August	\$ 31,121.00	\$ 2,628.50
September	\$ 30,671.00	\$ 991.00	September	\$ 31,662.00	\$ 3,169.50
October	\$ 28,701.00	\$ 727.00	October	\$ 29,428.00	\$ 935.50
November	\$ 27,995.00	\$ 2,380.00	November	\$ 30,375.00	\$ 1,882.50
December	\$ 27,122.00	\$ 3,526.00	December	\$ 30,648.00	\$ 2,155.50
January	\$ 25,732.00	\$ 4,090.00	January	\$ 29,822.00	\$ 1,329.50
February	\$ 28,141.00	\$ 4,023.00	February	\$ 32,164.00	\$ 3,671.50
March	\$ 27,399.00	\$ 2,498.00	March	\$ 29,897.00	\$ 1,404.50
April	\$ 25,974.00	\$ 854.00	April	\$ 26,828.00	\$ (1,664.50)
May	\$ 27,119.00	\$ (423.00)	May	\$ 26,696.00	\$ (1,796.50)
June	\$ 26,832.00	\$ -	June		\$ -
Total	\$ 326,992.00	\$ 27,673.00	Total	\$ 327,833.00	\$ 14,415.50

Over last year

Exceeding Budget

Above/(Below) Budget to date \$ 79,722.06

3.5

MacLeod Watts

June 12, 2020

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

Re: June 30, 2019 Actuarial Valuation and GASB 75 Report for Fiscal Year Ending June 30, 2020

Dear Mr. Ward:

We are pleased to enclose the results of our June 30, 2019 actuarial valuation and other relevant information regarding the other post-employment benefit (OPEB) liability of the Del Norte Solid Waste Management Authority (the Authority). The report describes our analysis and assumptions in detail.

The primary purposes of this report are to:

- 1) Remeasure plan liabilities as of June 30, 2019, in accordance with GASB 75's biennial valuation requirement,
- 2) Develop Actuarially Determined Contributions levels for prefunding plan benefits,
- 3) Provide information to be submitted to the California Employers' Retiree Benefit Trust (CERBT) to satisfy filing requirements for the trust, and
- 4) Provide information required by GASB 75 ("Accounting and Financial Reporting for Postemployment Benefits Other Than Pension") to be reported in the Authority's financial statements for the fiscal year ending June 30, 2020.

We note that the Authority has significantly increased its level of OPEB funding over the past few years, well in excess of the actuarially determined levels. While recent unfavorable changes (explained in the report) have dampened the apparent benefit of this more aggressive prefunding, these higher contributions should prove to be meaningful over the long term.

The information included in this report reflects our assumption that the Authority will continue contributing 100% or more of the Actuarially Determined Contributions and that trust assets will remain invested in CERBT Strategy 1. If either assumption is incorrect, please let us know as results could change significantly. We based the valuation on the employee data and details on plan benefits reported to us by the Authority. As with any analysis, the soundness of the report is dependent on the inputs. Please review our summary of this information to be comfortable that it matches your records.

We appreciate the opportunity to work on this analysis and acknowledge the efforts of the Authority employees who provided valuable time and information to enable us to perform this valuation. Please let us know if we can be of further assistance.

Sincerely,



Catherine L. MacLeod, FSA, FCA, EA, MAAA
Principal & Consulting Actuary

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Del Norte Solid Waste Management Authority

Actuarial Valuation of Other Post-Employment Benefit Programs As of June 30, 2019

Development of OPEB Prefunding Levels
& GASB 75 Report for the Fiscal Year Ending June 30, 2020

Submitted June 2020

MacLeod Watts

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A. Executive Summary

This report presents the results of the June 30, 2019 actuarial valuation of the other post-employment benefit (OPEB) program of the Del Norte Solid Waste Management Authority (the Authority). The purposes of this valuation are to: 1) summarize the results of the valuation; 2) develop Actuarially Determined Contribution (ADC) levels for prefunding plan benefits; 3) provide information required by the California Employers' Retiree Benefit Trust (CERBT); and 4) assess the OPEB liabilities and provide disclosure information as required by Statement No. 75 of the Governmental Accounting Standards Board (GASB 75) for the fiscal year ending June 30, 2020.

Important background information regarding the valuation process can be found in Addendum 1. We recommend users of the report read this information to familiarize themselves with the process and context of actuarial valuations, including the requirements of GASB 75. The pages following this executive summary present various exhibits and other relevant information appropriate for financial reporting and plan funding.

Absent material changes to this program, the results of the June 30, 2019 valuation will also be applied to prepare the Authority's GASB 75 report for the fiscal year ending June 30, 2021. If there are any significant changes in the employee population, plan benefits or eligibility, or to the Authority's funding policy, an earlier valuation might be required or appropriate.

OPEB Obligations of the Authority

The Authority provides continuation of medical and dental coverage to its retiring employees. Active and retired employees are covered by a large, self-insured healthcare pool through CSAC-EIA. The provider has confirmed that the claims experience of all active, pre-Medicare and Medicare retirees and their dependents is co-mingled together in developing premium rates, though separate premium rates are charged for these three member groups. As such, this report does develop age-related premium adjustments and computes an implicit rate subsidy for retirees covered or expected to be covered under this program.

In this program, the Authority pays all retiree medical and dental claims minus the portion of premiums paid by qualifying, enrolled retirees. See Supporting Information, Section 2A for details.¹ As is the nature of group premium rate structures, at some ages, retirees may be expected to experience higher claims than the premiums they pay, where at other ages, the reverse may be true. We determine the implicit rate subsidy for retirees as the difference between (a) projected retiree medical claim costs by age and (b) projected premiums expected to be charged for retiree coverage. For more information see Section 3 and Addendum 2: MacLeod Watts Age Rating Methodology.

We believe no implicit liability exists with respect to the dental benefits provided to retirees, or that it is insignificant.

¹ A liability for potential future excise tax liability for "high cost" retiree coverage was included in the prior valuation. However, this provision of the Affordable Care Act was repealed in December 2019, so this liability was eliminated.



Executive Summary

(Continued)

OPEB Funding Policy

The Authority's OPEB funding policy affects the calculation of liabilities by impacting the discount rate that is used to develop the plan liability and expense. "Prefunding" is the term used when an agency consistently contributes an amount based on an actuarially determined contribution (ADC) each year.

GASB 75 allows prefunded plans to use a discount rate that reflects the expected earnings on trust assets. Pay-as-you-go, or "PAYGO", is the term used when an agency only contributes the required retiree benefits when due. When an agency finances retiree benefits on a pay-as-you-go basis, GASB 75 requires the use of a discount rate equal to a 20-year high grade municipal bond rate.

The Authority has been and continues to prefund its OPEB liability, contributing 100% or more of the Actuarially Determined Contributions each year. With the Authority's approval, the assumed trust rate and discount rate applied for accounting purposes in this report is 7.05%, reflecting the Authority's expectations as of the measurement date. For more information, see Expected Return on Trust Assets on page 10. Actuarially Determined Contributions for plan funding purposes were developed using a 6.95% discount rate, equal to the assumed trust rate of return less 0.1% for trust administrative fees.

Actuarial Assumptions

The actuarial "demographic" assumptions (i.e. rates of retirement, death, disability or other termination of employment) used in this report were chosen, for the most part, to be the same as the actuarial demographic assumptions used for the most recent valuation of the retirement plan(s) covering Authority employees. Other assumptions, such as age-related healthcare claims, healthcare trend, retiree participation rates and spouse coverage, were selected based on demonstrated plan experience and/or our best estimate of expected future experience. All these assumptions, and more, impact expected future benefits. Please note that this valuation has been prepared on a closed group basis. This means that only employees and retirees present as of the valuation date are considered. We do not consider replacement employees for those we project to leave the current population of plan participants until the valuation date following their employment.

We emphasize that this actuarial valuation provides a projection of future results based on many assumptions. Actual results are likely to vary to some extent and we will continue to monitor these assumptions in future valuations. See Section 3 for a description of assumptions used in this valuation.

Important Dates for GASB 75 in this Report

GASB 75 allows reporting liabilities as of any fiscal year end based on: (1) a *valuation date* no more than 30 months plus 1 day prior to the close of the fiscal year end; and (2) a *measurement date* up to one year prior to the close of the fiscal year. The following dates were used for this report:

Fiscal Year End	June 30, 2020
Measurement Date	June 30, 2019
Measurement Period	June 30, 2018 to June 30, 2019
Valuation Date	June 30, 2019



Executive Summary

(Concluded)

Significant Results and Differences from the Prior Valuation

No benefit changes were reported to MacLeod Watts relative to those in place when the June 30, 2017 valuation was prepared. We reviewed and updated some assumptions used to project the OPEB liability. Differences between actual and expected results based on updated census and premium data since the prior valuation were also reflected (referred to as “plan experience”). Overall, the Total OPEB Liability on the current measurement date is higher than that reported one year ago.

Section C. Basic Valuation Results as of June 30, 2019 provides additional information on the impact of the new assumptions and plan experience. Assumption changes are described at the end of Section 3.

Impact on Statement of Net Position and OPEB Expense for Fiscal 2020

The plan’s impact to Net Position will be the sum of difference between assets and liabilities as of the measurement date plus the unrecognized net outflows and inflows of resources. Different recognition periods apply to deferred resources depending on their origin. The plan’s impact on Net Position on the measurement date can be summarized as follows:

Items	For Reporting At Fiscal Year Ending June 30, 2020
Total OPEB Liability	\$ 978,917
Fiduciary Net Position	524,028
Net OPEB Liability (Asset)	454,889
Deferred (Outflows) of Resources	(348,082)
Deferred Inflows of Resources	-
Impact on Statement of Net Position	\$ 106,807
 OPEB Expense, FYE 6/30/2020	 \$ 76,851

Important Notices

This report is intended to be used only to present the actuarial information relating to other postemployment benefits for the Authority’s financial statements. The results of this report may not be appropriate for other purposes, where other assumptions, methodology and/or actuarial standards of practice may be required or more suitable. We note that various issues in this report may involve legal analysis of applicable law or regulations. The Authority should consult counsel on these matters; MacLeod Watts does not practice law and does not intend anything in this report to constitute legal advice. In addition, we recommend the Authority consult with their internal accounting staff or external auditor or accounting firm about the accounting treatment of OPEB liabilities.



B. Valuation Process

The June 30, 2019 valuation has been based on employee census data and benefits initially submitted to us by the Authority in January 2020 and clarified in various related communications. A summary of the employee data is provided in Section 1 and a summary of the benefits provided under the Plan is provided in Section 2. While individual employee records have been reviewed to verify that they are reasonable in various respects, the data has not been audited and we have otherwise relied on the Authority as to its accuracy. The valuation described below has been performed in accordance with the actuarial methods and assumptions described in Section 3 and is consistent with our understanding of Actuarial Standards of Practice.

In projecting benefit values and liabilities, we first determine an expected premium or benefit stream over the employee's future retirement. Benefits may include both direct employer payments (explicit subsidies) and/or an implicit subsidy, arising when retiree premiums are expected to be subsidized by active employee premiums. The projected benefit streams reflect assumed trends in the cost of those benefits and assumptions as to the expected date(s) when benefits will end. We also apply assumptions regarding:

- The probability that each individual employee will or will not continue in service with the Authority to receive benefits.
- To the extent assumed to retire from the Authority, the probability of various possible retirement dates for each retiree, based on current age, service and employee type; and
- The likelihood that future retirees will or will not elect retiree coverage (and benefits) for themselves and/or their dependents.

We then calculate a present value of these benefits by discounting the value of each future expected benefit payment back to the valuation date using the discount rate. These benefit projections and liabilities have a very long time horizon. Final payments for younger active employees may not be made for 60 years or more.

Projections over such long periods that are dependent on numerous assumptions regarding future economic and demographic variables are subject to substantial revision as future events unfold. While we believe that the assumptions and methods used in this valuation are reasonable for the purposes of this report, the cost to the Authority of sponsoring this plan is subject to future revision risk, perhaps materially. Demonstrating the range of potential future results was beyond the scope of our assignment, although some sensitivity of results to discount rate and healthcare trend is included.

The key outputs from an actuarial valuation are described below:

Actuarial Present Value of Projected Benefits (PVPB): PVPB refers to the discounted total value of all future benefits expected to be provided to current retirees and beneficiaries and to current active employees after they retire. In calculating the PVPB, the amount of each future payment is projected, multiplied by a probability that it will be paid and then discounted from the future payment date back to the valuation date using the assumed discount rate.

After the PVPB is calculated, the next step in the valuation process is to apportion the PVPB into

- the value of benefits already *earned by prior service* of current employees and retirees and
- the value of benefits expected to be *earned by future service* of current employees.



Valuation Process

(Concluded)

Key valuation outputs (continued)

Actuarial Accrued Liability (TOL): The value of benefits deemed earned by service worked prior to the valuation date is called the Actuarial Accrued Liability (in actuarial terminology) and **Total OPEB Liability** (in GASB terminology). The AAL/TOL represents the portion of the PVPB that is deemed to have been earned by prior service of employees. The AAL for current retirees equals their PVPB because their service is complete. For active employees, the AAL is less than the PVPB because there is always some future service possible.

Normal cost (NC): Normal cost (actuarial terminology), or service cost (in GASB terminology) represents the portion of the PVPB that is deemed to be earned by active employees over a single year. The present value of all future normal costs for the periods after the valuation date plus the AAL will be equal to the PVPB. Only active members have a current service cost.

Where contributions have been made to an irrevocable OPEB trust, the accumulated value of trust assets is applied to offset the AAL. In this valuation, we set the Actuarial Value of Assets equal to the market value of assets invested in the Authority’s CERBT OPEB trust. The portion of the AAL not covered by assets is referred to as the **unfunded actuarial accrued liability** (or UAAL in actuarial terminology), or **Net OPEB Liability** (in GASB terminology).

If the actuarial cost method used for plan funding is the same as that required by GASB 75, the terms may often be used interchangeably:

Actuarial Funding Terminology

Present Value of Projected Benefits (PVPB)
 Actuarially Accrued Liability (AAL)
 Market Value of Assets
 Unfunded Actuarially Accrued Liability (UAAL)
 Normal Cost

GASB 75 Terminology

N/A; typically not reported for accounting purposes
 Total OPEB Liability (TOL)
 Fiduciary Net Position
 Net OPEB Liability
 Service Cost

Specific results from this valuation are provided in the following Section C. Plan contributions for fiscal years 2021 and 2022 based on this 2019 valuation are developed in Section E.

For the Authority’s OPEB plan, trust assets expressed as a percentage of the Present Value of Projected Benefits and of the Total OPEB Liability as of the June 30, 2019 valuation date are shown here.

PVPB	Assets	Funded %
\$ 1,181,745	\$ 524,028	44%
AAL	Assets	Funded %
\$ 991,870	\$ 524,028	53%

The PVPB and AAL values above are based on the 6.95% discount rate used for OPEB funding purposes. Results using the 7.05% discount rate applied for accounting purposes are shown in greater detail on the following page.



C. Basic Valuation Results as of June 30, 2019

This chart compares the results measured as of June 30, 2018, based on the July 1, 2017 valuation, with the results measured as of June 30, 2019, based on the June 30, 2019 actuarial valuation using the 7.05% discount rate applied for financial reporting purposes.

Valuation date	6/30/2017	6/30/2019
Fiscal Year Ending	6/30/2019	6/30/2020
Measurement Date	6/30/2018	6/30/2019
Discount rate	7.00%	7.05%
Number of Covered Employees		
Actives	7	8
Retirees	2	3
Total Participants	9	11
Actuarial Present Value of Projected Benefits		
Actives	\$ 426,799	\$ 492,640
Retirees	436,474	669,633
Total APVPB	863,273	1,162,273
Total OPEB Liability (TOL)		
Actives	324,905	309,284
Retirees	436,474	669,633
TOL	761,379	978,917
Fiduciary Net Position	339,686	524,028
Net OPEB Liability	421,693	454,889
Service Cost		
For the period following the measurement date	19,795	27,804

The ratio of the Fiduciary Net Position (plan assets) to the Total OPEB Liability (Actuarial Accrued Liability) is 54% on June 30, 2019. This is up from 45% as of June 30, 2018. The change in the Total OPEB Liability, Fiduciary Net Position and Net OPEB Liability are discussed below.

Change in plan assets: Including the contributions made to the trust between, assets reported as of June 30, 2018 were expected to grow to \$532,565 on June 30, 2019. The actual (audited) trust value on that date was \$524,028, which is \$8,537 lower than expected. This is primarily because trust earnings were lower than expected during this period.

Change in TOL: The TOL has increased by \$217,538 from that reported one year ago, from \$761,379 to \$978,917. We expected an increase of \$32,328 from normal plan operation and the passage of time. However, the TOL also increased by \$185,210 from unexpected changes. These unexpected changes come from one of these three sources:

- *Benefit changes:* No changes were reported to benefits since June 30, 2017.
- *Plan experience* includes differences between what was assumed would occur and what actually occurred since the prior valuation. Plan experience increased the TOL by \$75,149.



June 30, 2019 Valuation Results

(Concluded)

- *Changes in actuarial assumptions or methodology:* Assumption changes collectively increased the TOL by an additional \$110,061. Most of this increase relates to the two highlighted items: (a) assumed increases in future retiree participation and (b) lower future retiree premium costs. This OPEB program, which is the same as that offered by Del Norte County, has continued to retain retiree premium levels fixed at 2009 levels, though expected medical claim costs have and are assumed to continue to increase. The remaining assumption changes largely offset one another.

For more on the assumption changes, see the last page of Supporting Information, Section 3.

This chart reconciles the TOL reported at June 30, 2019 to the TOL to be reported as of June 30, 2020.

Reported Total OPEB Liability at June 30, 2019 Measurement Date June 30, 2018	\$ 761,379
Expected Changes:	
Normal Cost	19,795
Benefit Payments	(40,724)
Interest Cost	53,257
Total Expected Change	32,328
Expected Total OPEB Liability at June 30, 2020 Measurement Date June 30, 2019	\$ 793,707
Unexpected Changes:	
Plan experience different than assumed	75,149
Increase in assumed retiree participation rate	157,394
Elimination of excise tax liability	(50,761)
Decrease in retiree-paid premium trend	24,902
Changed medical trend to Getzen model; decreased dental trend from 4.5% to 3.5% per year	(17,429)
Change in demographic assumptions and mortality improvement scale	16,328
Increase in spouse coverage assumption	(15,365)
Changed discount rate	(5,008)
Total Unexpected Change	185,210
Actual Total OPEB Liability at June 30, 2020 Measurement Date June 30, 2019	\$ 978,917



D. Accounting Information (GASB 75)

The following exhibits are designed to satisfy the reporting and disclosure requirements of GASB 75 for the fiscal year end June 30, 2020. The Authority is classified for GASB 75 purposes as a single employer.

The Net Deferred (Outflows) Inflows of Resources and Deferred Contributions shown in this report are subject to changes based on the final reported Employer Contributions during fiscal year 2019-2020. Covered employee payroll for the current fiscal year will likely change from the estimated amount currently shown in the Schedule of Contributions exhibit.

Components of Net Position and Expense

The exhibit below shows the development of Net Position and Expense as of the Measurement Date.

Plan Summary Information for FYE June 30, 2020 <i>Measurement Date is June 30, 2019</i>	Del Norte Solid Waste Management Authority
Items Impacting Net Position:	
Total OPEB Liability	\$ 978,917
Fiduciary Net Position	524,028
Net OPEB Liability (Asset)	<u>454,889</u>
<i>Deferred (Outflows) Inflows of Resources Due to:</i>	
Assumption Changes	(91,311)
Plan Experience	(62,347)
Investment Experience	(7,726)
Deferred Contributions	<u>(186,698)</u>
Net Deferred (Outflows) Inflows of Resources	(348,082)
Impact on Statement of Net Position, FYE 6/30/2020	<u>\$ 106,807</u>
Items Impacting OPEB Expense:	
Service Cost	\$ 19,795
Cost of Plan Changes	-
Interest Cost	53,257
Expected Earnings on Assets	(29,496)
Administrative Expenses	73
<i>Recognized Deferred Resource items:</i>	
Assumption Changes	18,750
Plan Experience	12,802
Investment Experience	<u>1,670</u>
OPEB Expense, FYE 6/30/2020	<u>\$ 76,851</u>



Accounting Information

(Continued)

Change in Net Position During the Fiscal Year

The exhibit below shows the year-to-year changes in the components of Net Position.

For Reporting at Fiscal Year End	6/30/2019	6/30/2020	Change
<i>Measurement Date</i>	<i>6/30/2018</i>	<i>6/30/2019</i>	During
			Period
Total OPEB Liability	\$ 761,379	\$ 978,917	\$ 217,538
Fiduciary Net Position	339,686	524,028	184,342
Net OPEB Liability (Asset)	421,693	454,889	33,196
<i>Deferred Resource (Outflows) Inflows Due to:</i>			
Assumption Changes	-	(91,311)	(91,311)
Plan Experience	-	(62,347)	(62,347)
Investment Experience	(859)	(7,726)	(6,867)
Deferred Contributions	(204,180)	(186,698)	17,482
Net Deferred (Outflows) Inflows	(205,039)	(348,082)	(143,043)
Impact on Statement of Net Position	\$ 216,654	\$ 106,807	\$ (109,847)

Change in Net Position During the Fiscal Year

Impact on Statement of Net Position, FYE 6/30/2019	\$ 216,654
OPEB Expense (Income)	76,851
Employer Contributions During Fiscal Year	(186,698)
Impact on Statement of Net Position, FYE 6/30/2020	<u>\$ 106,807</u>

OPEB Expense

Employer Contributions During Fiscal Year	\$ 186,698
Deterioration (Improvement) in Net Position	(109,847)
OPEB Expense (Income), FYE 6/30/2020	<u>\$ 76,851</u>



Accounting Information
 (Continued)

Change in Fiduciary Net Position During the Measurement Period

		Del Norte Solid Waste Management Authority
Fiduciary Net Position at Fiscal Year Ending 6/30/2019		
<i>Measurement Date 6/30/2018</i>		\$ 339,686
Changes During the Period:		
Investment Income		20,959
Employer Contributions		204,180
Administrative Expenses		(73)
Benefit Payments		(40,724)
Net Changes During the Period		184,342
Fiduciary Net Position at Fiscal Year Ending 6/30/2020		
<i>Measurement Date 6/30/2019</i>		\$ 524,028

Expected Long-term Return on Trust Assets

The expected long-term return on trust assets was derived from information published by CalPERS for CERBT Strategy 1. CalPERS determined its returns using a building-block method and best-estimate ranges of expected future real rates of return for each major asset class (expected returns, net of OPEB plan investment expense and inflation). The target allocation and best estimates of geometric real rates of return published by CalPERS for each major class are summarized in the following table:

CERBT Strategy 1		Years 1-10			Years 11+		
Major Asset Classification	Target Allocation	General Inflation Rate Assumption	1-10 Year Expected Real Rate of Return*	Compound Return Yrs 1-10	General Inflation Rate Assumption	11+ Year Expected Real Rate of Return*	Compound Return Years 11+
Global Equity	59%	2.00%	4.80%	6.80%	2.92%	5.98%	8.90%
Fixed Income	25%	2.00%	1.10%	3.10%	2.92%	2.62%	5.54%
Global Real Estate(REITs)	8%	2.00%	3.20%	5.50%	2.92%	5.00%	7.92%
Treasury Inflation Protected Securities	5%	2.00%	0.25%	2.25%	2.92%	1.46%	4.38%
Commodities	3%	2.00%	1.50%	3.50%	2.92%	2.87%	5.79%
Volatility	11.83%		weighted	5.85%		weighted	8.07%

*Real rates of return come from a geometric representation of returns that assume a general inflation rate of 2.00%.

CalPERS' expected returns are split for years 1-10 and years 11 and thereafter. To derive the expected return specifically for the Authority, we projected plan benefits in each future year. Then applying the plan specific benefit payments to CalPERS' bifurcated return expectations, we determined the single equivalent long-term rate of return to be 7.05%. The Authority approved 7.05% as the assumed asset return and discount rate for GASB 75 purposes. To develop the Actuarially Determined Contributions for prefunding the plan, we decreased the discount rate by 10 basis points to 6.95% to accommodate expected trust administrative fees.



Accounting Information

(Continued)

Recognition Period for Deferred Resources

Liability changes due to plan experience which differs from what was assumed in the prior measurement period and/or from assumption changes during the period are recognized over the plan's Expected Average Remaining Service Life ("EARSL"). The EARSL of 5.87 years is the period used to recognize such changes in the OPEB Liability arising during the current measurement period.

Changes in the Fiduciary Net Position due to investment performance different from the assumed earnings rate are always recognized over 5 years.

Liability differences due to benefit changes occurring during the period are recognized immediately.

Deferred Resources as of Fiscal Year End and Expected Future Recognition

The exhibit below shows deferred resources as of the fiscal year end June 30, 2020.

Del Norte Solid Waste Management Authority	Deferred Outflows of Resources	Deferred Inflows of Resources
Changes of Assumptions	\$ 91,311	\$ -
Differences Between Expected and Actual Experience	62,347	-
Net Difference Between Projected and Actual Earnings on Investments	7,726	-
Deferred Contributions	186,698	-
Total	\$ 348,082	\$ -

The Authority will recognize the Deferred Contributions in the next fiscal year. In addition, future recognition of these deferred resources is shown below.

For the Fiscal Year Ending June 30	Recognized Net Deferred Outflows (Inflows) of Resources
2021	\$ 33,222
2022	33,224
2023	34,227
2024	33,261
2025	27,450
Thereafter	-



Accounting Information

(Continued)

Sensitivity of Liabilities to Changes in the Discount Rate and Healthcare Cost Trend Rate

The discount rate used for accounting purposes for the fiscal year end 2020 is 7.05%. Healthcare Cost Trend Rate was assumed to start at 5.4% (increase effective January 1, 2021) and grade down to 4% for years 2076 and later. The impact of a 1% increase or decrease in these assumptions is shown in the chart below.

Sensitivity to:			
Change in Discount Rate	Current - 1% 6.05%	Current 7.05%	Current + 1% 8.05%
Total OPEB Liability	1,122,198	978,917	863,433
Increase (Decrease)	143,281		(115,484)
% Increase (Decrease)	14.6%		-11.8%
Net OPEB Liability (Asset)	598,170	454,889	339,405
Increase (Decrease)	143,281		(115,484)
% Increase (Decrease)	31.5%		-25.4%
Change in Healthcare Cost Trend Rate	Current Trend - 1%	Current Trend	Current Trend + 1%
Total OPEB Liability	859,324	978,917	1,127,841
Increase (Decrease)	(119,593)		148,924
% Increase (Decrease)	-12.2%		15.2%
Net OPEB Liability (Asset)	335,296	454,889	603,813
Increase (Decrease)	(119,593)		148,924
% Increase (Decrease)	-26.3%		32.7%



Accounting Information

(Continued)

Schedule of Changes in the Authority's Net OPEB Liability and Related Ratios

GASB 75 requires presentation of the 10-year history of changes in the Net OPEB Liability. Only results for years since GASB 75 was implemented (fiscal years 2018, 2019 and 2020) are shown in the table.

Fiscal Year Ending	6/30/2020	6/30/2019	6/30/2018
Measurement Date	6/30/2019	6/30/2018	6/30/2017
Discount Rate on Measurement Date	7.05%	7.00%	7.00%
Total OPEB liability			
Service Cost	\$ 19,795	\$ 19,172	\$ 18,569
Interest	53,257	51,422	48,880
Changes of benefit terms	-	-	-
Differences between expected and actual experience	75,149	-	-
Changes of assumptions	110,061	-	-
Benefit payments	(40,724)	(49,296)	(14,175)
Net change in total OPEB liability	217,538	21,298	53,274
Total OPEB liability - beginning	761,379	740,081	686,807
Total OPEB liability - ending (a)	\$ 978,917	\$ 761,379	\$ 740,081
Plan fiduciary net position			
Contributions - employer	\$ 204,180	\$ 212,752	\$ 36,425
Net investment income	20,959	12,367	14,706
Benefit payments	(40,724)	(49,296)	(14,175)
Administrative Expenses	(73)	(112)	(75)
Other Trust Expenses	-	(217)	-
Net change in plan fiduciary net position	184,342	175,494	36,881
Plan fiduciary net position - beginning	339,686	164,192	127,311
Plan fiduciary net position - ending (b)	\$ 524,028	\$ 339,686	\$ 164,192
Net OPEB liability - ending (a) - (b)	\$ 454,889	\$ 421,693	\$ 575,889
Covered-employee payroll	\$ 286,686	\$ 267,781	\$ 257,645
Net OPEB liability as a % of covered-employee payroll	158.67%	157.48%	223.52%



Accounting Information

(Continued)

Schedule of Contributions

Since establishing the OPEB trust, the Authority has consistently contributed 100% or more of the Actuarially Determined Contribution (ADC) each year and confirmed its intention to continue doing so. This chart shows the contributions for the years since GASB 75 was implemented. *Contributions and payroll for FYE 2020 should be confirmed and updated, as needed, to final amounts for the fiscal year.*

Fiscal Year Ending	6/30/2020	6/30/2019	6/30/2018
Actuarially Determined Contribution	\$ 48,802	\$ 53,877	\$ 163,456
Contributions in relation to the actuarially determined contribution	186,698	204,180	212,752
Contribution deficiency (excess)	\$ (137,896)	\$ (150,303)	\$ (49,296)
Covered employee payroll	\$ 295,287	\$ 286,686	\$ 267,781
Contributions as a % of covered employee payroll	63.23%	71.22%	79.45%

Notes to Schedule

Summary of methods and assumptions used in the valuation:

Valuation Date	6/30/2017	6/30/2017	7/1/2015
Actuarial cost method	Entry Age Normal	Entry Age Normal	Entry Age Normal
Amortization method	Level % of Pay, closed 30 yrs	Level % of Pay, closed 30 yrs	Level % of Pay, closed 30 yrs
Amortization period	19 yrs remain	20 yrs remain	21 yrs remain
Asset valuation method	Market Value	Market Value	Market Value
Inflation	2.75%	2.75%	2.75%
Healthcare cost trend rates	8% in 2019 to 5% in steps of 0.5%	8% in 2019 to 5% in steps of 0.5%	8% in 2017 to 4.5% in steps of 0.5%
Salary increases	3.25%	3.25%	3.25%
Investment rate of return	7.00%	7.00%	7.28%
Retirement age	50 to 75	50 to 75	50 to 75
Mortality	CalPERS 2014 Experience Study	CalPERS 2014 Experience Study	CalPERS 2014 Experience Study
Mortality Improvement	MW Scale 2017 generationally	MW Scale 2017 generationally	MW Scale 2014 generationally



Accounting Information
 (Continued)

Detail of Changes to Net Position

The chart below details changes to all components of Net Position.

Del Norte Solid Waste Management Authority	Total OPEB Liability (a)	Fiduciary Net Position (b)	Net OPEB Liability (c) = (a) - (b)	(d) Deferred Outflows (Inflows) Due to:			Impact on Statement of Net Position (e) = (c) - (d)	
				Assumption Changes	Plan Experience	Investment Experience		Deferred Contributions
Balance at Fiscal Year Ending 6/30/2019 <i>Measurement Date 6/30/2018</i>	\$ 761,379	\$ 339,686	\$ 421,693	\$ -	\$ -	\$ 859	\$ 204,180	\$ 216,654
Changes During the Period:								
Service Cost	19,795		19,795					19,795
Interest Cost	53,257		53,257					53,257
Expected Investment Income		29,496	(29,496)					(29,496)
Employer Contributions		204,180	(204,180)					(204,180)
Changes of Benefit Terms								
Administrative Expenses		(73)	73					73
Benefit Payments	(40,724)	(40,724)						
Assumption Changes	110,061		110,061	110,061				
Plan Experience	75,149		75,149		75,149			
Investment Experience		(8,537)	8,537			8,537		
Recognized Deferred Resources				(18,750)	(12,802)	(1,670)	(204,180)	237,402
Employer Contributions in Fiscal Year							186,698	(186,698)
Net Changes in Fiscal Year 2019-2020	217,538	184,342	33,196	91,311	62,347	6,867	(17,482)	(109,847)
Balance at Fiscal Year Ending 6/30/2020 <i>Measurement Date 6/30/2019</i>	\$ 978,917	\$ 524,028	\$ 454,889	\$ 91,311	\$ 62,347	\$ 7,726	\$ 186,698	\$ 106,807



Accounting Information
 (Continued)

Schedule of Deferred Outflows and Inflows of Resources

A listing of all deferred resource bases used to develop the Net Position and OPEB Expense is shown below. Deferred Contributions are not shown.

Measurement Date: June 30, 2019

Date Created	Deferred Resource			Balance as of Jun 30, 2019	Recognition of Deferred Outflow or Deferred (Inflow) in Measurement Period:							
	Cause	Initial Amount	Period (Yrs)		Annual Recognition	2018-19 (FYE 2020)	2019-20 (FYE 2021)	2020-21 (FYE 2022)	2021-22 (FYE 2023)	2022-23 (FYE 2024)	2023-24 (FYE 2025)	Thereafter
Investment Earnings												
6/30/2017	Greater than Expected	\$ (5,018)	5.00	\$ (1,004)	\$ (2,006)	\$ (1,004)	\$ (1,004)	\$ (1,002)	\$ -	\$ -	\$ -	\$ -
Investment Earnings												
6/30/2018	Less than Expected	4,836	5.00	967	2,902	967	967	967	968	-	-	-
Loss Due To												
6/30/2019	Plan Experience	75,149	5.87	12,802	62,347	12,802	12,802	12,802	12,802	12,802	12,802	11,139
Loss Due To												
6/30/2019	Assumption Changes	110,061	5.87	18,750	91,311	18,750	18,750	18,750	18,750	18,750	18,750	16,311
Investment Earnings												
6/30/2019	Less than Expected	8,537	5.00	1,707	6,830	1,707	1,707	1,707	1,707	1,707	1,709	-



Accounting Information

(Continued)

Authority Contributions to the Plan

Authority contributions to the Plan occur as benefits are paid to retirees and/or to the OPEB trust. Benefit payments may occur in the form of direct payments for premiums and taxes (“explicit subsidies”) and/or indirect payments to retirees in the form of higher premiums for active employees or lower premiums for retirees than their expected claim costs (“implicit subsidies”). Note that an implicit subsidy contribution does not result in cash payments to retirees, but reclassification of a portion of active healthcare cost to be treated as a retiree healthcare expense.

Benefits and other contributions paid during the measurement period are shown below.

Benefit Payments During the Measurement Period, Jul 1, 2018 thru Jun 30, 2019	Del Norte Solid Waste Management Authority
Benefits Paid by Trust	\$ -
Benefits Paid by Employer (not reimbursed by trust)	-
Implicit benefit payments	40,724
Total Benefit Payments During the Measurement Period	\$ 40,724

Employer Contributions During the Measurement Period, Jul 1, 2018 thru Jun 30, 2019	Del Norte Solid Waste Management Authority
Employer Contributions to the Trust	\$ 163,456
Employer Contributions in the Form of Direct Benefit Payments (not reimbursed by trust)	-
Implicit contributions	40,724
Total Employer Contributions During the Measurement Period	\$ 204,180

Benefits payments and other Authority contributions expected to be made in the year following the measurement period but prior to the end of the fiscal year are shown below. **These estimates should be replaced with total actual payments once known after the close of the fiscal year.**

Employer Contributions During the Fiscal Year, Jul 1, 2019 thru Jun 30, 2020	Del Norte Solid Waste Management Authority
Employer Contributions to the Trust	\$ 140,000
Employer Contributions in the Form of Direct Benefit Payments (not reimbursed by trust)	-
Implicit contributions	46,698
Total Employer Contributions During the Fiscal Year	\$ 186,698



Accounting Information

(Continued)

Projected Benefit Payments (15-year projection)

The following is an estimate of other post-employment benefits to be paid on behalf of current retirees and current employees expected to retire from the Authority. Expected annual benefits have been projected on the basis of the actuarial assumptions outlined in Section 3.

These projections do not include any benefits expected to be paid on behalf of current active employees *prior to* retirement, nor do they include any benefits for potential *future employees* (i.e., those who might be hired in future years).

Projected Annual Benefit Payments			
Fiscal Year Ending June 30	Current Retirees	Future Retirees	Total
2020	\$ 46,698	\$ -	\$ 46,698
2021	51,691	4,386	56,077
2022	45,993	7,272	53,265
2023	47,304	10,900	58,204
2024	50,478	15,047	65,525
2025	53,945	18,567	72,512
2026	44,365	23,684	68,049
2027	47,145	28,200	75,345
2028	50,151	16,791	66,942
2029	37,453	18,434	55,887
2030	38,615	21,742	60,357
2031	40,573	15,131	55,704
2032	42,602	17,028	59,630
2033	44,689	20,581	65,270
2034	46,809	24,416	71,225

The amounts shown above reflect amounts projected to be provided by the Authority toward retiree medical and dental claims in each of the years shown. The amounts are shown separately, and in total, for those retired on the valuation date ("current retirees") and those expected to retire after the valuation date ("future retirees"). Values above reflect the implicit subsidy (difference between expected retiree claims and the retiree premium rate) anticipated in each year. The portion of costs expected to be paid by retirees are already excluded from these amounts.



Accounting Information
 (Concluded)

Sample Journal Entries

Beginning Account Balances

As of the fiscal year beginning 7/1/2019

	Debit	Credit
Net OPEB Liability		421,693
Deferred Resource -- Assumption Changes	-	
Deferred Resource -- Plan experience	-	
Deferred Resource -- Investment Experience	859	
Deferred Resource -- Contributions	204,180	
Net Position	216,654	

* The entries above assume nothing is on the books at the beginning of the year. So to the extent that values already exist in, for example, the Net OPEB Liability account, then only the difference should be adjusted. The entries above represent the values assumed to exist at the start of the fiscal year.

Journal entry to recharacterize retiree benefit payments not reimbursed by a trust, and record cash contributions to the trust during the fiscal year

	Debit	Credit
OPEB Expense	140,000	
Cash		140,000

* This entry assumes a prior journal entry was made to record the payment for retiree premiums. This entry assumes the prior entry debited an account called "Premium Expense" and credited Cash. This entry reverses the prior debit to "Premium Expense" and recharacterizes that entry as an "OPEB Expense". Also, the entry for cash contributions to the trust is shown.

Journal entries to record implicit subsidies during the fiscal year

	Debit	Credit
OPEB Expense	46,698	
Premium Expense		46,698

* This entry assumes that premiums for active employees were recorded to an account called "Premium Expense". This entry reverses the portion of premium payments that represent implicit subsidies and assigns that value to OPEB Expense.

Journal entries to record other account activity during the fiscal year

	Debit	Credit
Net OPEB Liability		33,196
Deferred Resource -- Assumption Changes	91,311	
Deferred Resource -- Plan experience	62,347	
Deferred Resource -- Investment Experience	6,867	
Deferred Resource -- Contributions		17,482
OPEB Expense		109,847



E. Funding Information

The employer's OPEB funding policy and level of contributions to an irrevocable OPEB trust directly affect the discount rate which is used to calculate the OPEB liability to be reported in the employer's financial statements. Prefunding (setting aside funds to accumulate in an irrevocable OPEB trust) has certain advantages, one of which is the ability to (potentially) use a higher discount rate in the determination of liabilities for GASB 75 reporting purposes. Prefunding also improves the security of benefits for current and potential future recipients and contributes to intergenerational taxpayer equity by better matching the cost of the benefits to the service years in which they are "earned" and which correspond to years in which taxpayers benefit from those services.

Paying Down the UAAL

Once an entity decides to prefund, a decision must be made about how to pay for benefits related to accumulated prior service that have not yet been funded (the UAAL²). This is most often, though not always, handled through structured amortization payments. The period and method chosen for amortizing this unfunded liability can significantly affect the Actuarially Determined Contribution (ADC) or other basis selected for funding the OPEB program.

Much like paying off a mortgage, when the AAL exceeds plan assets, choosing a longer amortization period to pay off the UAAL means smaller payments, but the payments will be required for more years; plan investments will have less time to work toward helping reduce required contribution levels. When the plan is in a surplus position, the reverse is true, and a longer amortization period may be preferable.

There are several ways the amortization payment can be determined. The most common methods are calculating the amortization payment as a level dollar amount or as a level percentage of payroll. The entire UAAL may be amortized as one single component or may be broken into multiple components reflecting the timing and source of each change, such as those arising from assumption changes, benefit changes and/or liability or investment experience.

The amortization period(s) should not exceed the number of years which would allow current trust assets plus future contributions and earnings to be sufficient to pay all future benefits and trust expenses each year. Prefunding of OPEB is optional and contributions at any level are permitted. However, if trust sufficiency is not expected, a discount rate other than the assumed trust return will likely be required for accounting purposes.

Some Current Economic Factors

Return on Trust Assets: On page 10 of this report, we describe the basis for selection of the 6.95% long term return on trust assets. This expected return is based on CalPERS' long term capital market projections, our projections of the Authority's retiree benefits for each future year and including some margin for potential adverse asset performance. However, the recent social and economic conditions have been severe. The trust asset returns in CERBT Strategy 1 fell about 9% between June 30, 2019 and March 31, 2020. However, the Authority's account balance has rebounded to about \$521,321, as of May 26, 2020. CalPERS is projecting a possible 0% return for the 12 months ending June 30, 2020.

² We use actuarial, rather than accounting, terminology to describe the components used to develop the ADCs.



Funding Information

(Continued)

Medical premiums: Another variable sensitive to the current public health situation is the potential impact on future medical premium rates and health care claim costs. Medical premiums and projected claim costs increased less than expected between 2018 and 2020. Looking ahead, however, should these costs increase *more* than we expect in the next year or two, some loss (liability increase) could occur with somewhat higher future ADCs from this as well. Health experts have expressed mixed opinions about how employer health plans will be impacted by COVID-19. There is clear evidence that some medical services are being deferred and some annual services may be skipped altogether. This decrease in current utilization must then be contrasted against the potentially high cost of care for those who contract COVID-19. Current information indicates there has been little difference in access to prescription drugs, so no unusual increase or decrease in these claim costs is expected.

Funding and Prefunding of the Implicit Subsidy

An implicit subsidy liability is created when retiree medical claims are expected to exceed the premiums charged for retiree coverage. Recognition of the estimated implicit subsidy each year is handled by an accounting entry, reducing the amount paid for active employees and shifting that amount to be treated as a retiree healthcare expense/contribution (see Sample Journal Entries). The implicit subsidy is a true benefit to the retiree but can be difficult to see when medical premiums are set as a flat rate for both actives and pre-Medicare retirees. This might lead some employers to believe the benefit is not real or is merely an accounting construct, and thus to forgo prefunding of retiree implicit benefits.

Consider what would happen if the retiree premiums were based only on expected retiree claims experience. Almost certainly, retiree premiums would increase while premiums for active employees would go down if the active premiums no longer had to help support the higher retiree claims. *Who would pay the increases in retiree premiums?* Current plan documents and bargaining agreements would have to be consulted. Depending on circumstances, the increase in retiree premiums might remain the responsibility of the employer, pass entirely to the retirees, or some blending of the two. The answer would determine whether separate retiree-only premium rates would result in a higher or lower employer OPEB liability. In the current premium structure, with blended active and pre-Medicare retiree premiums, the employer is clearly, though indirectly, paying the implicit retiree cost.

The prefunding decision is complex. OPEB materiality, budgetary concerns, desire to use the full trust rate in developing the liability for GASB 75, and other factors must be weighed by each employer. Since prefunding OPEB benefits is not required, each employer's OPEB prefunding strategy will depend on how they balance these competing perspectives.

Development of the Actuarially Determined Contributions

The Authority has approved development of ADCs based on the following two components, which are then adjusted with interest to each fiscal year end:

- The amounts attributed to service performed in the current fiscal year (the normal cost) and
- Amortization of the unfunded actuarial accrued liability (UAAL) over a closed 30 year period. Amortization payments are determined on a level % of pay basis; 18 years remain in the amortization period in determining the ADC for FYE 2021.



Funding Information

(Continued)

Actuarially Determined Contributions, developed as described above for the Authority's fiscal years ending June 30, 2021 and June 30, 2022 are shown the exhibit on the next page. These ADCs incorporate both explicit (cash benefit) and implicit subsidy benefit liabilities. Contributions credited toward meeting the ADC will be comprised of: (1) each year's implicit subsidy of retiree healthcare costs plus (2) contributions to the OPEB trust.

ADCs determined on this basis should provide for trust sufficiency, based on the current plan provisions and census data, *provided all assumptions are exactly realized and if the Authority contributes 100% or more of the ADC each year.* When an agency commits to funding the trust at or above the ADC, GASB 75 allows use of the expected long term trust return to be used as the discount rate in determining the plan liability. Trust sufficiency cannot be guaranteed to a certainty, however, because of the non-trivial risk that the assumptions used to project future benefit liabilities may not be realized.

We note that over the past 3 years, the Authority has contributed well in excess of the ADC levels in an effort to bring down the unfunded AAL. Here is a snapshot of information shown earlier on page 14:

Fiscal Year Ending	6/30/2020	6/30/2019	6/30/2018
Actuarially Determined Contribution	\$ 48,802	\$ 53,877	\$ 163,456
Contributions in relation to the actuarially determined contribution	186,698	204,180	212,752
Contribution deficiency (excess)	\$ (137,896)	\$ (150,303)	\$ (49,296)

It is unfortunate that changes in recent plan experience, a 14% net increase in the covered members (from 7 to 8) and assumption changes all combined to increase the liability by \$185,000 over what was previously expected on this date. Barring other similar increases in the future, the aggressive funding to the plan in recent years, plus what we understand will be annual contributions of \$140,000 per year through June 30, 2022 should continue to improve the funded status of this plan.

This section is continued on the following page.



Funding Information

(Continued)

We develop the Actuarially Determined Contributions (ADCs) for fiscal years ending June 30, 2021 and June 30, 2022 from the results of this valuation. The ADC for fiscal year end June 30, 2020 was developed from the prior (2017) valuation and we have included this for reference as well.

Funding Policy	Prefunding		Prefunding Basis	
Valuation date	6/30/2017	6/30/2019		
For fiscal year ending	6/30/2020	6/30/2021	6/30/2022	
Expected long-term return on assets	7.00%	6.95%	6.95%	
Discount rate	7.00%	6.95%	6.95%	
Number of Covered Employees				
Actives	7	8	8	
Retirees	2	3	3	
Total Participants	9	11	11	
Actuarial Present Value of Projected Benefits				
Actives	453,491	\$ 537,473	\$ 570,289	
Retirees	444,100	673,001	666,287	
Total APVPB	897,591	1,210,474	1,236,576	
Actuarial Accrued Liability (AAL)				
Actives	365,645	365,005	417,357	
Retirees	444,100	673,001	666,287	
Total AAL	809,745	1,038,006	1,083,644	
Actuarial Value of Assets	462,881	705,313	899,197	
Unfunded AAL (UAAL)	346,864	332,693	184,447	
UAAL Amortization method	Level % of Pay	Level % of Pay	Level % of Pay	
Remaining amortization period (years)	19	18	17	
Amortization Factor	13.7800	13.3229	12.7955	
Actuarially Determined Contribution (ADC)				
Normal Cost	\$ 20,439	\$ 29,474	\$ 30,358	
Amortization of UAAL	25,171	24,972	14,415	
Interest to fiscal year end	3,192	3,784	3,112	
Total ADC	48,802	58,230	47,885	

Funding of the ADC

Accounting recognition of current implicit subsidy	\$ 46,698	\$ 56,077	\$ 53,265
Additional payments needed to meet ADC	2,104	2,153	(5,380)
Assumed contribution to the trust	140,000	140,000	140,000
Total projected OPEB contributions for the period	\$ 186,698	\$ 196,077	\$ 193,265

We reflected the budgeted \$140,000 trust contribution for FYE 2020. It is our understanding that the Authority is also planning to contribute \$140,000 for each of the following two years. If all assumptions are exactly met, these contributions should reduce the UAAL to about \$35,000 by June 30, 2022.

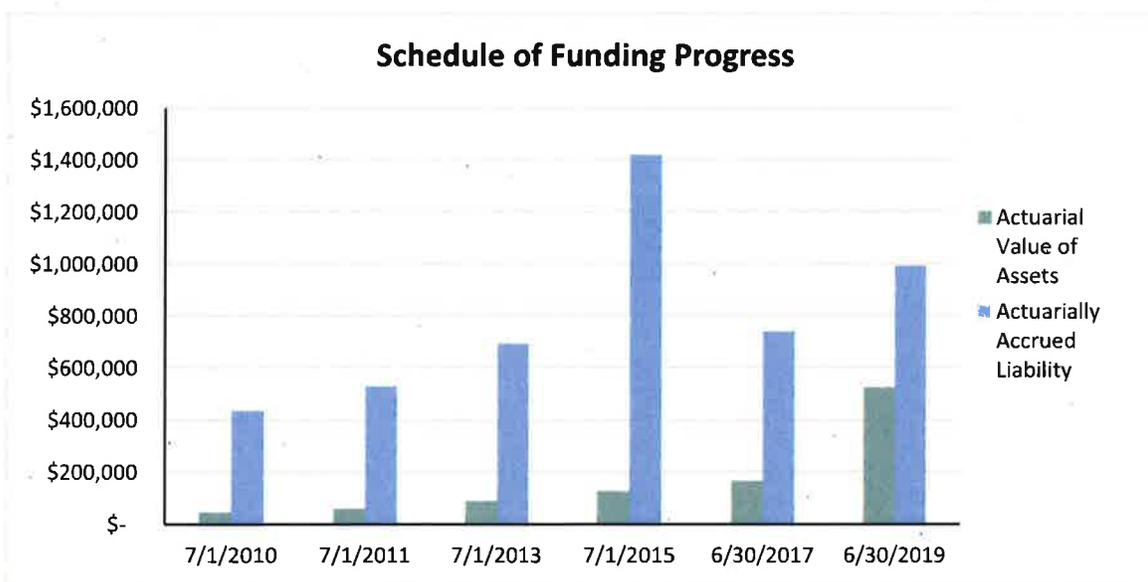


Funding Information

(Concluded)

In this section, we provide a review of key components of valuation results from 2010 through 2019.

Schedule of Funding Progress							
Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarially Accrued Liability (b)	Unfunded Actuarial Accrued Liability (b-a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAAL as a Percentage of Covered Payroll ((b-a)/c)	Discount Rate
7/1/2010	\$ 44,752	\$ 435,051	\$ 390,299	10.3%	\$ 294,812	132.4%	5.50%
7/1/2011	\$ 58,086	\$ 528,091	\$ 470,005	11.0%	\$ 294,812	159.4%	5.50%
7/1/2013	\$ 88,187	\$ 692,253	\$ 604,066	12.7%	\$ 192,720	313.4%	5.38%
7/1/2015	\$ 125,940	\$ 1,419,422	\$ 1,293,482	8.9%	\$ 208,790	619.5%	4.79%
6/30/2017	\$ 164,192	\$ 740,081	\$ 575,889	22.2%	\$ 294,037	195.9%	7.00%
6/30/2019	\$ 524,028	\$ 991,870	\$ 467,842	52.8%	\$ 295,287	158.4%	6.95%



Significant changes in recent years include:

- **July 1, 2015:** Discount rate decreased from 5.38% to 4.79%; updated demographic assumptions based on new CalPERS experience study; Authority's share of retirees' claims assumed to widen over time; higher-than-expected increase in retiree healthcare premiums.
- **June 30, 2017:** Termination rates accelerated for early employment years, based on a review of plan experience; decrease in assumed retiree participation rates after age 65; increase in assumed healthcare trend; increase in discount rate reflecting the substantial recent and future expected increases in expected Authority contributions to the OPEB trust.
- **June 30, 2019:** Trust assets substantially higher to due accelerated contributions in prior 2 years; higher assumed future retiree claim costs not expected to be paid by retirees (resulting in higher implicit subsidy from active healthcare costs)



F. Certification

The primary purposes of this report are: (1) to provide actuarial information of the other postemployment benefits (OPEB) provided by the Del Norte Solid Waste Management Authority in compliance with Statement 75 of the Governmental Accounting Standards Board (GASB 75); and (2) to provide Actuarially Determined Contributions for prefunding of this program in conformity with the Authority's OPEB funding policy. The Authority is not required to contribute the ADC shown in this report and we make no representation that it will, in fact, fund the OPEB trust at any particular level.

In preparing this report we relied without audit on information provided by the Authority. This information includes, but is not limited to, plan provisions, census data, and financial information. We performed a limited review of this data and found the information to be reasonably consistent. The accuracy of this report is dependent on this information and if any of the information we relied on is incomplete or inaccurate, then the results reported herein will be different from any report relying on more accurate information.

We consider the actuarial assumptions and methods used in this report to be individually reasonable under the requirements imposed by GASB 75 and taking into consideration reasonable expectations of plan experience. The results provide an estimate of the plan's financial condition at one point in time. Future actuarial results may be significantly different due to a variety of reasons including, but not limited to, demographic and economic assumptions differing from future plan experience, changes in plan provisions, changes in applicable law, or changes in the value of plan benefits relative to other alternatives available to plan members.

Alternative assumptions may also be reasonable; however, demonstrating the range of potential plan results based on alternative assumptions was beyond the scope of our assignment except to the limited extent required by GASB 75 and in accordance with the Authority's stated OPEB funding policy. Results for accounting purposes may be materially different than results obtained for other purposes such as plan termination, liability settlement, or underlying economic value of the promises made by the plan.

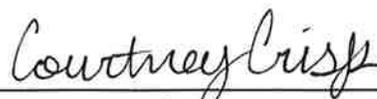
This report is prepared solely for the use and benefit of the Authority and may not be provided to third parties without prior written consent of MacLeod Watts. Exceptions are: The Authority may provide copies of this report to their professional accounting and legal advisors who are subject to a duty of confidentiality, and the Authority may provide this work to any party if required by law or court order. No part of this report should be used as the basis for any representations or warranties in any contract or agreement without the written consent of MacLeod Watts.

The undersigned actuary is unaware of any relationship that might impair the objectivity of this work. Nothing within this report is intended to be a substitute for qualified legal or accounting counsel. The actuary is a member of the American Academy of Actuaries and meets the qualification standards for rendering this opinion.

Signed: June 12, 2020



Catherine L. MacLeod, FSA, FCA, EA, MAAA



Courtney D. Crisp, Senior Actuarial Analyst



G. Supporting Information

Section 1 - Summary of Employee Data

Active employees: The Authority reported 8 active members in the data provided to us for the June 2019 valuation. Of these, 4 active employees are currently enrolled in the medical program; the remaining 4 others are currently waiving coverage.

Distribution of Benefits-Eligible Active Employees								
Current Age	Years of Service						Total	Percent
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 & Up		
Under 25							0	0%
25 to 29		2					2	25%
30 to 34	1	1					2	25%
35 to 39							0	0%
40 to 44							0	0%
45 to 49	1						1	13%
50 to 54		1	1				2	25%
55 to 59						1	1	13%
60 to 64							0	0%
65 to 69							0	0%
70 & Up							0	0%
Total	2	4	1	0	0	1	8	100%
Percent	25%	50%	13%	0%	0%	13%	100%	

Valuation	June 2017	June 2019
Average Attained Age for Actives	38.1	41.3
Average Years of Service	5.4	5.2

Retired members: There are also 3 retirees currently receiving benefits under this program. Their current ages are summarized in the chart below, as well as the average age at retirement.

Retirees by Age		
Current Age	Total	Percent
Below 50	0	0%
50 to 54	0	0%
55 to 59	1	33%
60 to 64	1	33%
65 to 69	0	0%
70 to 74	0	0%
75 to 79	0	0%
80 & up	1	33%
Total	3	100%
Average Age:		
On 6/30/2019	70.6	
At retirement	66.5	



Supporting Information

(Continued)

Section 1 - Summary of Employee Data

(continued)

The chart below reconciles the number of actives and retirees included in the June 30, 2017 valuation of the Authority plan with those included in the June 30, 2019 valuation:

Reconciliation of Authority Plan Members Between Valuation Dates				
Status	Covered Actives	Waiving Actives	Covered Retirees	Total
Number reported as of June 30, 2017	6	1	2	9
New employees	3	-	-	3
Separated employees	(1)	-	-	(1)
New retiree, elected coverage	(1)	-	1	0
New retiree, waiving coverage	-	-	-	0
Previously covered, now waiving	-	-	-	0
Previously waiving, now covered	1	(1)	-	0
Number reported as of June 30, 2019	8	0	3	11

Overall, the number of active plan members increased by 1, from 7 to 8, representing a 12.5% increase in active employees included in the valuation.

The number of covered retirees increased by 1, from 2 to 3, representing a 33% increase in retired employees included in the valuation.

We consider these and other recent prior elections when setting assumptions for future retiree participation.

Summary of Plan Member Counts: The number of members currently or potentially eligible to receive benefits under the OPEB plan are required to be reported in the notes to the financial statements.

Summary of Plan Member Counts	
Number of active plan members	8
Number of inactive plan members currently receiving benefits	3
Number of inactive plan members entitled to but not receiving benefits	0*

*We are not aware of any retirees who are eligible but not currently enrolled.



Supporting Information

(Continued)

Section 2A - Summary of Retiree Benefit Provisions

OPEB provided: The Authority reported the following OPEB provided: medical and dental coverage.

Access to coverage: This coverage is available to employees who retire after having attained age 50 (Classic employees) or age 52 (PEPRA employees) or with an approved disability retirement, Employees must also complete a minimum number of years of service with the Authority. The required years of service to be eligible for benefits varies based on employment date, as shown below:

Date of Hire	Years of Service
Before 1/1/07	5
1/1/07 - 10/31/09	10
1/1/09 and after	15

Benefits provided: The Authority permits eligible retirees to continue their medical and/or dental coverage through the Authority for their lifetime. The Authority then charges the retiree for coverage based on age, years of Authority service and coverage level (i.e., single, two- party or family coverage). This table shows the monthly retiree costs for medical and dental coverage:

Premium Rates Paid by Retirees Effective November 1, 2009 (current through 2018)						
Age	Under 65			65 and over		
Years of Service	Retiree Only	Retiree & 1 Dependent	Retiree & 2+ Dependents	Retiree Only	Retiree & 1 Dependent	Retiree & 2+ Dependents
Less than minimum	Cobra coverage for up to 18 months					
At least the minimum ¹ , but less than 16	\$ 386.06	\$ 748.89	\$ 1,127.20	\$ 225.00	\$ 439.91	\$ 555.15
At least 16, but less than 21	257.25	559.76	875.02	200.00	414.91	530.15
At least 21, but less than 25	128.68	343.59	458.83	175.00	389.91	505.15
At least 25 or more	-	214.91	344.50	150.00	364.91	480.15

¹The minimum refers to the minimum service required based on employment date, as described above.

Benefits continue for the retiree’s lifetime and to covered surviving dependents at time of the retiree’s death. Survivors pay the applicable amount in the above table, based on their coverage level. Retirees age 65 and older may also choose to have dental only coverage by paying the dental only premium.

Current premium rates: The monthly healthcare premium rates for 2020 are shown here.

	Dental Only
Retiree	\$ 60
Retiree + 1	\$ 115
Retiree + 2	\$ 165

Del Norte County Monthly Active and Retiree Premiums Effective January 2020 (Medical & Dental)			
	Active Employees	Pre-Medicare Retirees	Medicare Retirees
Retiree	\$ 809	\$ 1,184	\$ 738
Retiree + 1	1,568	2,299	1,476
Retiree + 2	1,925	3,282	2,214
Retiree (1 Medicare, 1 Without)	N/A	1,992	1,922
Retiree (1 Medicare, 2 Without)	N/A	3,107	3,037
Retiree (2 Medicare, 1 Without)	N/A	2,752	2,660



Supporting Information

(Continued)

Section 2B - Excise Taxes for High Cost Retiree Coverage (Repealed)

The Patient Protection and Affordable Care Act (ACA) included a 40% excise tax on high-cost employer-sponsored health coverage. The tax applied to the aggregate annual cost of an employee's applicable coverage that exceeds a dollar limit. Implementation of this tax had been delayed by subsequent legislation to 2022.

As noted earlier in this report, this excise tax on high cost retiree coverage was repealed by Senate Amendment to H.R. 1865, *Further Consolidated Appropriations Act, 2020*, and signed by the President on December 20, 2019. While the repeal occurred after the valuation date, we no longer assume any portion of such a tax will be paid by the Authority and, accordingly, excluded the previously developed liability from the results of this valuation.



Supporting Information

(Continued)

Section 3 - Actuarial Methods and Assumptions

The ultimate real cost of an employee benefit plan is the value of all benefits and other expenses of the plan over its lifetime. These payments depend only on the terms of the plan and the administrative arrangements adopted. The actuarial assumptions are used to estimate the cost of these benefits; the funding method spreads the expected costs on a level basis over the life of the plan.

Valuation Date	June 30, 2019
GASB 75 Measurement Date	Last day of prior fiscal year (June 30, 2019)
Funding Method	Entry Age Normal Cost, level percent of pay
Asset Valuation Method	Market value of assets
Trust Administrative Expenses	.10% of trust assets
Long Term Return on Assets/ Discount Rates for Accounting	7.05% as of June 30, 2019 and 7.0% as of June 30, 2018 net of plan investment expenses and including inflation
Long Term Return on Assets/ Discount Rates for Funding	6.95% as of June 30, 2019 and 7.0% as of June 30, 2018 net of plan investment expenses, trust administrative expenses, and including inflation
Participants Valued	Only current active employees and retired participants and covered dependents are valued. No future entrants are considered in this valuation.
Salary Increase	3.0% per year. Since benefits do not depend on salary, this is used to allocate the cost of benefits between service years and to determine amortization payments for developing the Actuarially Determined Contributions.
General Inflation Rate	2.5% per year

Demographic actuarial assumptions used in this valuation are based on the 2017 experience study of the California Public Employees Retirement System using data from 1997 to 2015, except for a different basis used to project future mortality improvements. Rates for selected age and service are shown below and on the following pages. The representative mortality rates were the published CalPERS rates, adjusted to back out 15 years of Scale MP 2016 to central year 2015, then projected as described below.

Mortality Improvement	MacLeod Watts Scale 2018 applied generationally from 2015 (see Addendum 3)
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Supporting Information
 (Continued)

Section 3 - Actuarial Methods and Assumptions

Mortality Before Retirement
 (before improvement applied)

CalPERS Public Agency Miscellaneous Non- Industrial Deaths		
Age	Male	Female
15	0.00019	0.00004
20	0.00027	0.00008
30	0.00044	0.00018
40	0.00070	0.00040
50	0.00135	0.00090
60	0.00288	0.00182
70	0.00693	0.00438
80	0.01909	0.01080

Mortality After Retirement
 (before improvement applied)

Healthy Lives

Disabled Miscellaneous

CalPERS Public Agency Miscellaneous, Police & Fire Post Retirement Mortality		
Age	Male	Female
40	0.00070	0.00040
50	0.00431	0.00390
60	0.00758	0.00524
70	0.01490	0.01044
80	0.04577	0.03459
90	0.14801	0.11315
100	0.35053	0.30412
110	1.00000	1.00000

CalPERS Public Agency Disabled Miscellaneous Post-Retirement Mortality		
Age	Male	Female
20	0.00027	0.00008
30	0.00044	0.00018
40	0.00070	0.00040
50	0.01371	0.01221
60	0.02447	0.01545
70	0.03737	0.02462
80	0.07218	0.05338
90	0.16585	0.14826

Service Retirement Rates

The following miscellaneous retirement formulas apply:

Classic: 2% @ 55

Each rate in these tables reflects the assumed probability that an employee with that age and service will take a service retirement from the Authority in the next 12 months.

Miscellaneous Employees: 2% at 55 formula From CalPERS Experience Study Report Issued December 2017						
Current Age	Years of Service					
	5	10	15	20	25	30
50	0.0080	0.0130	0.0180	0.0210	0.0220	0.0330
55	0.0400	0.0400	0.0560	0.0930	0.1090	0.1540
60	0.0580	0.0750	0.0930	0.1260	0.1430	0.1690
65	0.1450	0.1730	0.2010	0.2330	0.2660	0.2890
70	0.1500	0.1710	0.1920	0.2390	0.3040	0.3300
75 & over	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000



Supporting Information

(Continued)

Section 3 - Actuarial Methods and Assumptions

Service Retirement Rates (continued)

PEPRA: 2% @ 62

Miscellaneous "PEPRA" Employees: 2% at 62 formula						
From CalPERS Experience Study Report Issued December 2017						
Current Age	Years of Service					
	5	10	15	20	25	30
50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
55	0.0100	0.0190	0.0280	0.0360	0.0610	0.0960
60	0.0310	0.0510	0.0710	0.0910	0.1110	0.1380
65	0.1080	0.1410	0.1730	0.2060	0.2390	0.3000
70	0.1200	0.1560	0.1930	0.2290	0.2650	0.3330
75 & over	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

Termination Rates

Termination rates are based on the sum of vested terminated and refund rates from the CalPERS Experience Study Report issued December 2017.

Based on a review of Authority plan experience, base rates from the Experience Study were doubled for the following periods:

- All service values less than 5, regardless of attained age
- All service values less than 10 for attained ages less than 40

These rates reflect the assumed probability that an employee will leave the Authority in the next 12 months for reasons other than a service or disability retirement or death.

Miscellaneous Employees: Sum of Vested Terminated & Refund Rates						
From CalPERS Experience Study Report Issued December 2017						
Attained Age	Years of Service					
	0	3	5	10	15	20
15	0.1812	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.1742	0.1193	0.0654	0.0000	0.0000	0.0000
25	0.1674	0.1125	0.0634	0.0433	0.0000	0.0000
30	0.1606	0.1055	0.0615	0.0416	0.0262	0.0000
35	0.1537	0.0987	0.0567	0.0399	0.0252	0.0184
40	0.1468	0.0919	0.0519	0.0375	0.0243	0.0176
45	0.1400	0.0849	0.0480	0.0351	0.0216	0.0168



Supporting Information

(Continued)

Section 3 - Actuarial Methods and Assumptions

Disability Retirement Rates

CalPERS Public Agency Miscellaneous Disability From Dec 2017 Experience Study Report		
Age	Male	Female
20	0.00017	0.00010
25	0.00017	0.00010
30	0.00019	0.00024
35	0.00039	0.00071
40	0.00102	0.00135
45	0.00151	0.00188
50	0.00158	0.00199
55	0.00158	0.00149
60	0.00153	0.00105

Healthcare Trend

Medical plan premiums and claims costs by age are assumed to increase once each year; increases are assumed to be effective on the dates shown below:

Effective January 1	Premium Increase	Effective January 1	Premium Increase
2020	Actual	2060-66	4.80%
2021	5.40%	2067	4.70%
2022	5.30%	2068	4.60%
2023-26	5.20%	2069	4.50%
2027-46	5.30%	2070-71	4.40%
2047	5.20%	2072	4.30%
2048-49	5.10%	2073-74	4.20%
2050-53	5.00%	2075	4.10%
2054-59	4.90%	2076 & later	4.00%

Dental premiums are assumed to increase by 3.5% annually.

Retiree Cost Sharing

The retirees' portion of healthcare premiums is assumed to increase at 1.5% per year.

Spouse Coverage

Active employees: 55% are assumed to elect coverage for their spouse in retirement. Surviving spouses are assumed to retain coverage until their death. Husbands are assumed to be 3 years older than their wives.

Retired participants: Existing elections for spouse coverage are assumed to be maintained until the spouse's death. Actual spouse ages are used, where known; if not, husbands are assumed to be 3 years older than their wives.

Spouse gender is assumed to be the opposite of the employee.



Supporting Information

(Continued)

Section 3 - Actuarial Methods and Assumptions

Participation Rate

Active employees: The percentage assumed to elect or continue their current coverage in retirement prior to age 65 is based on years of Authority service:

Less than 16 years of service:	75%
At least 16, but less than 21:	85%
At least 21, but less than 25:	95%
25 or more:	100%

Upon reaching age 65, 90% are assumed to continue coverage for the remainder of their lifetime.

Retired participants: 90% of current retirees under age 65 are assumed to continue coverage until their death; all retirees coverage at age 65 and older are assumed to continue their coverage until death.

Dependent Coverage

20% of active employees who retire with 21 or more years of service are assumed to cover one dependent (other than a spouse) until the retiree reaches age 62.

Retired participants covering dependent children are assumed to end such coverage when the youngest currently covered dependent reaches age 26.

Medicare Eligibility

Absent contrary data, all individuals are assumed to be eligible for Medicare Parts A and B at age 65.

Development of Age-related Medical Premiums

Actual premium rates for retirees and their spouses were adjusted to an age-related basis by applying medical claim cost factors developed from the data presented in the report, "Health Care Costs – From Birth to Death", sponsored by the Society of Actuaries. A description of the use of claims cost curves can be found in MacLeod Watts's Age Rating Methodology provided in Addendum 2 to this report.

Representative claims costs derived for retirees for selected ages are shown in the chart below.

Expected Monthly Claims by Medical Plan for Selected Ages									
Medical Plan	Anthem Custom Premier PPO								
Sample Ages	48	53	58	63	68	73	78	83	88
Males	\$ 681	\$ 900	\$1,146	\$1,421	\$ 582	\$ 642	\$ 681	\$ 691	\$ 662
Females	881	1,038	1,174	1,379	562	619	654	671	662



Supporting Information

(Concluded)

Section 3 - Actuarial Methods and Assumptions

Changes reflected in the current measurement period:

Trust rate of return and discount rate	<p>(a) <i>for accounting purposes</i>: Increased from 7.0% to 7.05%, reflecting updated projections of long term trust returns.</p> <p>(b) <i>for plan funding purposes</i>: Changed to reflect the expected returns described above, reduced by 10 basis points for annual trust administrative fees, resulting in a (net) rate of 6.95%.</p>
Demographic Assumptions	<p>Assumed mortality, termination, and retirement rates were updated from those provided in the 2014 experience study report to those provided in the 2017 experience study report of CalPERS. In our opinion, the Authority's plan population would not produce credible rates based only solely on its experience. With the exception of termination rates (see below), we believe rates from the CalPERS experience study provide a reasonable estimate of the Authority's future demographic experience.</p> <p>We continued to apply higher rates of termination for members with less than 10 years of CalPERS service.</p>
Mortality Improvement	<p>The mortality improvement scale was updated from MacLeod Watts Scale 2017 to MacLeod Watts Scale 2018 (see Addendum 3), reflecting continued updates in available information.</p>
General Inflation Rate	<p>Decreased from 2.75% to 2.5% per year</p>
Salary Increase	<p>Decreased from 3.25% to 3.0% per year</p>
Participation Rate	<p>Following a review of recent retiree elections and updated expectations of elections by future retirees, we increased the percentage who are expected to elect coverage both before and after age 65.</p>
Spouse Coverage	<p>We decreased the percentage of retirees assumed to cover a spouse in retirement from 63.75% to 55%, based on a review of current retiree and active employee coverage elections.</p>
Medical Trend	<p>Updated to use the Getzen healthcare trend model sponsored by the Society of Actuaries</p>
Increases in retiree cost-sharing	<p>We assumed that future retiree premium costs would increase by only 1.5% per year, rather than 3.0% per year since there have been no recent increases in the retiree's portion of premiums.</p>
Excise tax on High-cost Coverage	<p>We excluded the excise tax from the results given the December 2019 repeal of this provision of the Affordable Care Act.</p>



Addendum 1: Important Background Information

General Types of Other Post-Employment Benefits (OPEB)

Post-employment benefits other than pensions (OPEB) comprise a part of compensation that employers offer for services received. The most common OPEB are medical, prescription drug, dental, vision, and/or life insurance coverage. Other OPEB may include outside group legal, long-term care, or disability benefits outside of a pension plan. OPEB does not generally include COBRA, vacation, sick leave (unless converted to defined benefit OPEB), or other direct retiree payments.

A direct employer payment toward the cost of OPEB benefits is referred to as an “explicit subsidy”.

In addition, if claims experience of employees and retirees are pooled when determining premiums, retiree premiums are based on a pool of members which, on average, are younger and healthier. For certain types of coverage such as medical insurance, this results in an “implicit subsidy” of retiree premiums by active employee premiums since the retiree premiums are lower than they would have been if retirees were insured separately. GASB 75 and Actuarial Standards of Practice generally require that an implicit subsidy of retiree premium rates be valued as an OPEB liability.

Expected retiree claims		
Premium charged for retiree coverage		Covered by higher active premiums
Retiree portion of premium	Agency portion of premium Explicit subsidy	Implicit subsidy

This chart shows the sources of funds needed to cover expected medical claims for pre-Medicare retirees. The portion of the premium paid by the Agency does not impact the amount of the implicit subsidy.

Valuation Process

The valuation was based on employee census data and benefits provided by the Authority. A summary of the employee data is provided in Section 1 and a summary of the benefits provided under the Plan is provided in Section 2. While individual employee records have been reviewed to verify that they are reasonable in various respects, the data has not been audited and we have otherwise relied on the Authority as to its accuracy. The valuation was also based on the actuarial methods and assumptions described in Section 3.

In developing the projected benefit values and liabilities, we first determine an expected premium or benefit stream over the employee’s future retirement. Benefits may include both direct employer payments (explicit subsidies) and/or an implicit subsidy, arising when retiree premiums are expected to be subsidized by active employee premiums. The projected benefit streams reflect assumed trends in the cost of those benefits and assumptions as to the expected date(s) when benefits will end. We then apply assumptions regarding:

- The probability that each individual employee will or will not continue in service to receive benefits.
- The probability of when such retirement will occur for each retiree, based on current age, service and employee type; and



Important Background Information

(Continued)

- The likelihood that future retirees will or will not elect retiree coverage (and benefits) for themselves and/or their dependents.

We then calculate a present value of these benefits by discounting the value of each future expected benefit payment, multiplied by the assumed expectation that it will be paid, back to the valuation date using the discount rate. These benefit projections and liabilities have a very long time horizon. The final payments for currently active employees may not be made for many decades.

The resulting present value for each employee is allocated as a level percent of payroll each year over the employee's career using the entry age normal cost method and the amounts for each individual are then summed to get the results for the entire plan. This creates a cost expected to increase each year as payroll increases. Amounts attributed to prior fiscal years form the "Total OPEB Liability". The OPEB cost allocated for active employees in the current year is referred to as "Service Cost".

Where contributions have been made to an irrevocable OPEB trust, the accumulated value of trust assets ("Fiduciary Net Position") is applied to offset the "Total OPEB Liability", resulting in the "Net OPEB Liability". If a plan is not being funded, then the Net OPEB Liability is equal to the Total OPEB Liability.

It is important to remember that an actuarial valuation is, by its nature, a projection of one possible future outcome based on many assumptions. To the extent that actual experience is not what we assumed, future results will differ. Some possible sources of future differences may include:

- A significant change in the number of covered or eligible plan members
- A significant increase or decrease in the future premium rates
- A change in the subsidy provided by the Agency toward retiree premiums
- Longer life expectancies of retirees
- Significant changes in expected retiree healthcare claims by age, relative to healthcare claims for active employees and their dependents
- Higher or lower returns on plan assets or contribution levels other than were assumed, and/or
- Changes in the discount rate used to value the OPEB liability



Important Background Information

(Continued)

Requirements of GASB 75

The Governmental Accounting Standards Board (GASB) issued GASB Statement No. 75, *Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions*. This Statement establishes standards for the measurement, recognition, and disclosure of OPEB expense and related liabilities (assets), note disclosures, and, required supplementary information (RSI) in the financial reports of state and local governmental employers.

Important Dates

GASB 75 requires that the information used for financial reporting falls within prescribed timeframes. Actuarial valuations of the total OPEB liability are generally required at least every two years. If a valuation is not performed as of the Measurement Date, then liabilities are required to be based on roll forward procedures from a prior valuation performed no more than 30 months and 1 day prior to the most recent year-end. In addition, the net OPEB liability is required to be measured as of a date no earlier than the end of the prior fiscal year (the "Measurement Date").

Recognition of Plan Changes and Gains and Losses

Under GASB 75, gains and losses related to changes in Total OPEB Liability and Fiduciary Net Position are recognized in OPEB expense systematically over time.

- *Timing of recognition:* Changes in the Total OPEB Liability relating to changes in plan benefits are recognized immediately (fully expensed) in the year in which the change occurs. Gains and Losses are amortized, with the applicable period based on the type of gain or loss. The first amortized amounts are recognized in OPEB expense for the year the gain or loss occurs. The remaining amounts are categorized as deferred outflows and deferred inflows of resources related to OPEB and are to be recognized in future OPEB expense.
- *Deferred recognition periods:* These periods differ depending on the source of the gain or loss.

Difference between projected
and actual trust earnings:

5 year straight-line recognition

All other amounts:

Straight-line recognition over the expected average remaining service lifetime (EARSL) of all members that are provided with benefits, determined as of the beginning of the Measurement Period. In determining the EARSL, all active, retired and inactive (vested) members are counted, with the latter two groups having 0 remaining service years.



Important Background Information

(Continued)

Implicit Subsidy Plan Contributions

An implicit subsidy occurs when expected retiree claims exceed the premiums charged for retiree coverage. When this occurs, we expect part of the premiums paid for active employees to cover a portion of retiree claims. This transfer represents the current year’s “implicit subsidy”. Because GASB 75 treats payments to an irrevocable trust *or directly to the insurer* as employer contributions, each year’s implicit subsidy is treated as a contribution toward the payment of retiree benefits.

The following hypothetical example illustrates this treatment:

Hypothetical Illustration of Implicit Subsidy Recognition	For Active Employees	For Retired Employees
<i>Prior to Implicit Subsidy Adjustment</i>		
Premiums Paid by Agency During Fiscal Year	\$ 411,000	\$ 48,000
Accounting Treatment	Compensation Cost for Active Employees	Contribution to Plan & Benefits Paid from Plan
<i>After Implicit Subsidy Adjustment</i>		
Premiums Paid by Agency During Fiscal Year	\$ 411,000	\$ 48,000
Implicit Subsidy Adjustment	(23,000)	23,000
Accounting Cost of Premiums Paid	\$ 388,000	\$ 71,000
Accounting Treatment Impact	Reduces Compensation Cost for Active Employees	Increases Contributions to Plan & Benefits Paid from Plan

The example above shows that total payments toward active and retired employee healthcare premiums is the same, but for accounting purposes part of the total is shifted from actives to retirees. This shifted amount is recognized as an OPEB contribution and reduces the current year’s premium expense for active employees.



Important Background Information

(Continued)

Discount Rate

When the financing of OPEB liabilities is on a pay-as-you-go basis, GASB 75 requires that the discount rate used for valuing liabilities be based on the yield or index rate for 20-year, tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher (or equivalent quality on another rating scale). When a plan sponsor makes regular, sufficient contributions to a trust in order to prefund the OPEB liabilities, GASB 75 allows use of a rate up to the expected rate of return of the trust. Therefore, prefunding has an advantage of potentially being able to report overall lower liabilities due to future expected benefits being discounted at a higher rate.

Actuarial Funding Method and Assumptions

The “ultimate real cost” of an employee benefit plan is the value of all benefits and other expenses of the plan over its lifetime. These expenditures are dependent only on the terms of the plan and the administrative arrangements adopted, and as such are not affected by the actuarial funding method.

The actuarial funding method attempts to spread recognition of these expected costs on a level basis over the life of the plan, and as such sets the “incidence of cost”. GASB 75 specifically requires that the actuarial present value of projected benefit payments be attributed to periods of employee service using the Entry Age Actuarial Cost Method, with each period’s service cost determined as a level percentage of pay.

The results of this report may not be appropriate for other purposes, where other assumptions, methodology and/or actuarial standards of practice may be required or more suitable.



Addendum 2: MacLeod Watts Age Rating Methodology

Both accounting standards (e.g. GASB 75) and actuarial standards (e.g. ASOP 6) require that expected retiree claims, not just premiums paid, be reflected in most situations where an actuary is calculating retiree healthcare liabilities. Unfortunately, the actuary is often required to perform these calculations without any underlying claims information. In most situations, the information is not available, but even when available, the information may not be credible due to the size of the group being considered.

Actuaries have developed methodologies to approximate healthcare claims from the premiums being paid by the plan sponsor. Any methodology requires adopting certain assumptions and using general studies of healthcare costs as substitutes when there is a lack of credible claims information for the specific plan being reviewed.

Premiums paid by sponsors are often uniform for all employee and retiree ages and genders, with a drop in premiums for those participants who are Medicare-eligible. While the total premiums are expected to pay for the total claims for the insured group, on average, the premiums charged would not be sufficient to pay for the claims of older insureds and would be expected to exceed the expected claims of younger insureds. An age-rating methodology takes the typically uniform premiums paid by plan sponsors and spreads the total premium dollars to each age and gender intended to better approximate what the insurer might be expecting in actual claims costs at each age and gender.

The process of translating premiums into expected claims by age and gender generally follows the steps below.

1. *Obtain or Develop Relative Medical Claims Costs by Age, Gender, or other categories that are deemed significant.* For example, a claims cost curve might show that, if a 50 year old male has \$1 in claims, then on average a 50 year old female has claims of \$1.25, a 30 year male has claims of \$0.40, and an 8 year old female has claims of \$0.20. The claims cost curve provides such relative costs for each age, gender, or any other significant factor the curve might have been developed to reflect. Section 3 provides the source of information used to develop such a curve and shows sample relative claims costs developed for the plan under consideration.
2. *Obtain a census of participants, their chosen medical coverage, and the premium charged for their coverage.* An attempt is made to find the group of participants that the insurer considered in setting the premiums they charge for coverage. That group includes the participant and any covered spouses and children. When information about dependents is unavailable, assumptions must be made about spouse age and the number and age of children represented in the population. These assumptions are provided in Section 3.
3. *Spread the total premium paid by the group to each covered participant or dependent based on expected claims.* The medical claims cost curve is used to spread the total premium dollars paid by the group to each participant reflecting their age, gender, or other relevant category. After this step, the actuary has a schedule of expected claims costs for each age and gender for the current premium year. It is these claims costs that are projected into the future by medical cost inflation assumptions when valuing expected future retiree claims.

The methodology described above is dependent on the data and methodologies used in whatever study might be used to develop claims cost curves for any given plan sponsor. These methodologies and assumptions can be found in the referenced paper cited as a source in the valuation report.



Addendum 3: MacLeod Watts Mortality Projection Methodology

Actuarial standards of practice (e.g., ASOP 35, Selection of Demographic and Other Noneconomic Assumptions for Measuring Pension Obligations, and ASOP 6, Measuring Retiree Group Benefits Obligations) indicate that the actuary should reflect the effect of mortality improvement (i.e., longer life expectancies in the future), both before and after the measurement date. The development of credible mortality improvement rates requires the analysis of large quantities of data over long periods of time. Because it would be extremely difficult for an individual actuary or firm to acquire and process such extensive amounts of data, actuaries typically rely on large studies published periodically by organizations such as the Society of Actuaries or Social Security Administration.

As noted in a recent actuarial study on mortality improvement, key principles in developing a credible mortality improvement model would include the following:

- (1) Short-term mortality improvement rates should be based on recent experience.
- (2) Long-term mortality improvement rates should be based on expert opinion.
- (3) Short-term mortality improvement rates should blend smoothly into the assumed long-term rates over an appropriate transition period.

The **MacLeod Watts Scale 2018** was developed from a blending of data and methodologies found in two published sources: (1) the Society of Actuaries Mortality Improvement Scale MP-2017 Report, published in October 2017 and (2) the demographic assumptions used in the 2017 Annual Report of the Board of Trustees of the Federal Old-Age and Survivors Insurance and Federal Disability Insurance Trust Funds, published July 2017.

MacLeod Watts Scale 2018 is a two-dimensional mortality improvement scale reflecting both age and year of mortality improvement. The underlying base scale is Scale MP-2017 which has two segments – (1) historical improvement rates for the period 1951-2013 and (2) an estimate of future mortality improvement for years 2014-2016 using the Scale MP-2017 methodology but utilizing the assumptions obtained from Scale MP-2015. The MacLeod Watts scale then transitions from the 2016 improvement rate to the Social Security Administration (SSA) Intermediate Scale linearly over the 10-year period 2017-2026. After this transition period, the MacLeod Watts Scale uses the constant mortality improvement rate from the SSA Intermediate Scale from 2026-2040. The SSA's Intermediate Scale has a final step down in 2041 which is reflected in the MacLeod Watts scale for years 2041 and thereafter. Over the ages 95 to 115, the SSA improvement rate is graded to zero.

Scale MP-2017 can be found at the SOA website and the projection scales used in the 2017 Social Security Administrations Trustees Report at the Social Security Administration website.



Glossary

Actuarial Funding Method – A procedure which calculates the actuarial present value of plan benefits and expenses, and allocates these expenses to time periods, typically as a normal cost and an actuarial accrued liability

Actuarial Present Value of Projected Benefits (APVPB) – The amount presently required to fund all projected plan benefits in the future. This value is determined by discounting the future payments by an appropriate interest rate and the probability of nonpayment.

CalPERS – Many state governments maintain a public employee retirement system; CalPERS is the California program, covering all eligible state government employees as well as other employees of other governments within California who have elected to join the system

Defined Benefit (DB) – A pension or OPEB plan which defines the monthly income or other benefit which the plan member receives at or after separation from employment

Deferred Contributions – When an employer makes contributions after the measurement date and prior to the fiscal year end, recognition of these contributions is deferred to a subsequent accounting period by creating a deferred resource. We refer to these contributions as Deferred Contributions.

Defined Contribution (DC) – A pension or OPEB plan which establishes an individual account for each member and specifies how contributions to each active member's account are determined and the terms of distribution of the account after separation from employment

Discount Rate - Interest rate used to discount future potential benefit payments to the valuation date. Under GASB 75, if a plan is prefunded, then the discount rate is equal to the expected trust return. If a plan is not prefunded (pay-as-you-go), then the rate of return is based on a yield or index rate for 20-year, tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher.

Expected Average Remaining Service Lifetime (EARSL) – Average of the expected remaining service lives of all employees that are provided with benefits through the OPEB plan (active employees and inactive employees), beginning in the current period

Entry Age Actuarial Cost Method – An actuarial funding method where, for each individual, the actuarial present value of benefits is levelly spread over the individual's projected earnings or service from entry age to the last age at which benefits can be paid

Excise Tax – The Affordable Care Act created an excise tax on the value of employer sponsored coverage which exceeds certain thresholds ("Cadillac Plans"). This tax was repealed in December 2019.

Explicit Subsidy – The projected dollar value of future retiree healthcare costs expected to be paid directly by the Employer, e.g., the Employer's payment of all or a portion of the monthly retiree premium billed by the insurer for the retiree's coverage

Fiduciary Net Position – The value of trust assets used to offset the Total OPEB Liability to determine the Net OPEB Liability.

Government Accounting Standards Board (GASB) – A private, not-for-profit organization which develops generally accepted accounting principles (GAAP) for U.S. state and local governments; like FASB, it is part of the Financial Accounting Foundation (FAF), which funds each organization and selects the members of each board



Glossary

(Continued)

Health Care Trend – The assumed rate(s) of increase in future dollar values of premiums or healthcare claims, attributable to increases in the cost of healthcare; contributing factors include medical inflation, frequency or extent of utilization of services and technological developments.

Implicit Subsidy – The projected difference between future retiree claims and the premiums to be charged for retiree coverage; this difference results when the claims experience of active and retired employees are pooled together and a ‘blended’ group premium rate is charged for both actives and retirees; a portion of the active employee premiums subsidizes the retiree premiums.

Net OPEB Liability (NOL) – The liability to employees for benefits provided through a defined benefit OPEB. Only assets administered through a trust that meet certain criteria may be used to reduce the Total OPEB Liability.

Net Position – The Impact on Statement of Net Position is the Net OPEB Liability adjusted for deferred resource items

OPEB Expense – The OPEB expense reported in the Agency’s financial statement. OPEB expense is the annual cost of the plan recognized in the financial statements.

Other Post-Employment Benefits (OPEB) – Post-employment benefits other than pension benefits, most commonly healthcare benefits but also including life insurance if provided separately from a pension plan

Pay-As-You-Go (PAYGO) – Contributions to the plan are made at about the same time and in about the same amount as benefit payments and expenses coming due

PEMHCA – The Public Employees’ Medical and Hospital Care Act, established by the California legislature in 1961, provides community-rated medical benefits to participating public employers. Among its extensive regulations are the requirements that a contracting Agency contribute toward medical insurance premiums for retired annuitants and that a contracting Agency file a resolution, adopted by its governing body, with the CalPERS Board establishing any new contribution.

Plan Assets – The value of cash and investments considered as ‘belonging’ to the plan and permitted to be used to offset the AAL for valuation purposes. To be considered a plan asset, GASB 75 requires (a) contributions to the OPEB plan be irrevocable, (b) OPEB assets to dedicated to providing OPEB benefit to plan members in accordance with the benefit terms of the plan, and (c) plan assets be legally protected from creditors, the OPEB plan administrator and the plan members.

Public Agency Miscellaneous (PAM) – Non-safety public employees.

Select and Ultimate – Actuarial assumptions which contemplate rates which differ by year initially (the select period) and then stabilize at a constant long-term rate (the ultimate rate)

Service Cost – Total dollar value of benefits expected to be earned by plan members in the current year, as assigned by the actuarial funding method; also called normal cost

Total OPEB Liability (TOL) – Total dollars required to fund all plan benefits attributable to service rendered as of the valuation date for current plan members and vested prior plan members; a subset of “Actuarial Present Value”

Vesting – As defined by the plan, requirements which when met make a plan benefit nonforfeitable on separation of service before retirement eligibility





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: 12 June 2020
To: Commissioners of the Del Norte Solid Waste Management Authority
From: Tedd Ward, M.S. – Director *Tedd*
Del Norte Solid Waste Management Authority
File Number: 022102 – Authority Budget
Topic: Final Approval and Adoption of the Del Norte Solid Waste Management Authority Budget for Fiscal Year 2020 / 2021

Recommendation: That the Board of the Del Norte Solid Waste Management Authority hold a public hearing regarding the attached budget. After receiving and considering public comments, staff recommend that the Board adopt the attached budget proposed for Fiscal Year 2020/2021.

Background: The budget for the Del Norte Solid Waste Management Authority is to be approved ahead of and separately from the County budget. The Authority budget is to be approved before June 30, whereas the final County budget is usually not approved until September or October.

In preparation for final adoption by the Authority Board, the proposed budget has been presented to the Crescent City Council and the Del Norte County Board of Supervisors for comment. Neither the Crescent City Council nor the Board of Supervisors had comments on the draft budget. The public hearing for the budget was noticed in the Del Norte Triplicate last week.

Analysis: The proposed balanced budget for Fiscal Year 2020/2021 is attached. When last presented to the Authority Board, Commissioner Howard asked why the proposed amount for budget line for retirement 10020 more than doubled. When the budget line 10022 was added to address the CalPERS Unfunded liability, I neglected to remove that amount from the amount included in the 10020 retirement line. As a result, the amount budgeted in line 10020 is approximately \$65,000 more than what will be required. This budget line can be reduced with budget transfers during the coming fiscal year.

The following is an overview of the assumptions and projections to be used in the preparation of the Authority budget for Fiscal Year 2020/2021.

Projected Expenses

Each year since the opening of the Del Norte County Transfer Station in 2005, the Authority's largest single expense has been payment to Hambro/WSG for their transfer station operation services, and this amount comprises over 50.9% of the expenses anticipated for the coming fiscal year.

This proposed budget includes Salaries and Benefits as negotiated with the SEIU Local 1021 representing employees of the Del Norte Solid Waste Management Authority and using spreadsheets from the County Auditor's office. This includes additional payments for Unfunded PERS liabilities in the amount of 14.944% of each employee's pay, and a health insurance cost of \$13,000 per employee as recommended by the County Auditor.

Several of these amounts are projected by the Del Norte County Auditor's office, including depreciation and the "Interfund Cost Plan", which is the charge for our share of County services including use of the Board of Supervisors' Chambers, IT services for streaming and recording meetings, services of the County Human Resources and Auditor. The amount for the Interfund Cost Plan has increased by \$3,400 compared to last year to an annual charge of \$94,117.

Significant budget changes are associated with landfill obligations. Following a multiple year effort by Authority staff, the amount budgeted for State Fees has been reduced as the Waste Discharge Fees for the Crescent City Landfill have been reduced, saving the Authority over \$26,000 annually. Reduced sampling and reporting requirements for the coming fiscal year also enabled for reductions in the budget line for well monitoring.

Staff anticipate decreased need for assistance from the County for landfill monitoring and maintenance as the Facilities and Programs Coordinator is now trained and using other Authority staff to assist with sample collection. For the past six years, the Authority's annual audits have included findings and recommendations to adjust rates to increase the pace at which the Authority reduces the outstanding liability associated with the landfill, most recently assessed as (\$1,865,833).

This budget has a placeholder of \$140,000 for the as-yet uncalculated amount of the Annual Required Contribution to address liabilities associated with Other Post-Employment Benefits (OPEB).

Several upcoming projects are projected to increase professional services expenses. We have hired a computer and information technology contractor who is providing essential ongoing support. This coming fiscal year, there are also likely to be professional services contracted to assist with the siting, permitting, and development of a small-volume transfer station to serve the northern portion of the County.

This proposed budget does include funding for property purchase associated with developing a northern transfer station. Only preliminary costs associated with development of the northern transfer station have been included in this proposed budget.

Revenue Projections

The two main sources of revenue for Authority operations are the Franchise Fees (90153) and Authority Service Fees (91004), about 1/3 of the transfer station tipping fees. The Consumer Price Index (CPI-U) for March 2020 was just recently published. Staff project that disposal rates will increase by approximately two dollars per ton.

Proposed Franchise Fees are based on revenues received this year. Franchise fee revenues for FY 20/21 are about 8% above the budgeted amount for this year.

Authority Service Fees are accruing as expected in the FY 19/20 budget currently, so the amount budgeted for budget lines 20239, 91003, and 91004 are all based on the projected revenue for this fiscal year. We expect the pandemic to impact revenues, but it is not yet clear what those impacts will be.

The largest revenue line is TS Gate Fees (91003), about 2/3 of the transfer station tipping fees. This is the main source of revenue to pay Hambro/WSG. We intend to budget the amount to pay Hambro/WSG from the Transfer Station Operations line (20239), paid from line (91003). Approximately \$40,000 of this amount will be paid from Authority Service Fees (91004), which are collected at the Gasquet and Klamath Transfer Stations.

Grant Budgets

Observers may note that many but not all grant-related budget lines are blank. Many of the Authority's grants run for multiple years. So the exact amount in remaining in both the revenue and expenditure lines for current grants are dynamic. As grant payments are made based on documented expenditures, there is inevitably a mismatch between the expenses and revenues for current grants. Thus, if accurate amounts for current grants are included, the budget proposed for the coming year may appear not to be in

balance. For these reasons, the budget lines for current grants are greyed out in the proposed budget.

For grants that are anticipated for the coming year, both revenue and expenditure lines have balanced budget amounts.

DNSWMA PROPOSED BUDGET for Fiscal Year 2020 / 2021

8-Apr-20

			FY 19/20	FY 19/20	FY 20 / 21
Line	Project	Description	Adopted	Revised as of 3/17/20	Proposed
Salaries and Benefits					
10010		Payroll	\$ 358,462	\$ 354,734	\$ 404,402.00
10010	70	Payroll	\$ 6,600	\$ 6,600	
10012		Overtime	\$ 2,000	\$ 3,000	\$ 2,800.00
10015		Part-time/Temp	\$ 45,000	\$ 40,800	\$ 36,200.00
10020		Retirement	\$ 54,000	\$ 54,000	\$ 133,621.00
10022		Retirement - CalPERS Unfunded Liability	\$ 48,525	\$ 48,525	\$ 60,434.00
10030		Employee Benefits	\$ 138,000	\$ 138,000	\$ 108,044.00
10032		Supp Health Insurance		\$ -	\$ -
10033		Employee Life Insurance	\$ 140	\$ 140	\$ 160.00
10035		Management Life Insurance	\$ 550	\$ 550	\$ 550.00
10040		Worker's Compensation	\$ 100,000	\$ 100,000	\$ 90,000.00
		Salaries and Benefits	\$ 753,277	\$ 746,349	\$ 836,211.00
Services & Supplies					
20110		Clothing	\$ 750	\$ 1,331	\$ 1,400.00
20121		Communications	\$ 3,500	\$ 3,500	\$ 3,000.00
20140		Household Expense	\$ 5,243	\$ 5,243	\$ 4,700.00
20150		Insurance-Office	\$ 10,450	\$ 10,450	\$ 10,450.00
20151		Liability Insurance		\$ -	\$ -
20152		Vehicle Insurance	\$ 4,200	\$ 4,200	\$ 4,200.00
20155		Liability Insurance	\$ 2,400	\$ 2,400	\$ 2,400.00
20170		Maintenance-Equipment	\$ 500	\$ 500	\$ 500.00
20171		Maintenance-Vehicles	\$ 3,000	\$ 3,000	\$ 2,000.00
20175		Maintenance-Computers	\$ 3,400	\$ 3,400	\$ 3,400.00
20180		Maint-Structures/Improvements & TS Maint	\$ 2,500	\$ 8,500	\$ 8,000.00
20200		Memberships	\$ 8,500	\$ 8,500	\$ 8,500.00
20221		Printing	\$ 700	\$ 1,000	\$ 800.00
20221	72	Printing - DOC Grant 18/19		\$ 0	\$ -
20221	71	Printing - Oil Grant 18/19		\$ 500	\$ -
20221	69	Printing - DOC Grant 20/21		\$ 0	\$ 300.00
20221	64	Printing - Oil Grant 20/21		\$ 0	\$ 500.00
20221	92	Printing - DOC Grant 19/20	300	300	\$ -
20221	91	Printing - Oil Grant 19/20	500	500	\$ -
20223		Postage	\$ 900	\$ 900	\$ 800.00
20224		Office Supplies	\$ 4,600	\$ 4,600	\$ 2,000.00
20227		Books/Subscriptions	\$ 250	\$ 250	\$ 250.00
20230		Prof Serv-Co/City	\$ 10,000	\$ 10,000	\$ 4,000.00
20230	70	Prof Serv-Model Contract		\$ -	\$ -
20231		Prof Serv	\$ 38,000	\$ 38,000	\$ 30,000.00
20231	70	Prof Services - USFS Grant	\$ 8,400	\$ 8,400	
20232		Prof Serv-Well Monitoring	\$ 35,000	\$ 40,709	\$ 21,000.00
20232	2	Data Processing - Software	\$ 4,000	\$ 4,000	\$ 4,000.00
20233		Audit	\$ 11,000	\$ 11,000	\$ 11,000.00
20234		Legal Counsel	\$ 15,000	\$ 15,000	\$ 15,000.00
20235		Treasurer	\$ 8,000	\$ 8,000	\$ 5,000.00
20236		Security	\$ 1,500	\$ 1,500	\$ 1,500.00
20237		Credit Card Service Fees	\$ 33,000	\$ 42,200	\$ 45,000.00
20238		TS Collection	\$ 28,000	\$ 28,000	\$ 26,000.00
20239		Transfer Station Operations	\$ 1,651,015	\$ 1,651,015	\$ 1,992,600.00
20239	1	Post Closure Maintenance	\$ 10,000	\$ 10,000	\$ 10,000.00
20240		Advertising/Publications	\$ 10,000	\$ 10,000	\$ 8,000.00
20240	72	Advertising - DOC Grant 18/19		\$ 6000	\$ -
20240	71	Advertising - Oil Grant 18/19		\$ 2016	\$ -
20240	93	Advertising Oil Grant - 20/21		\$ -	\$ 2,000.00
20240	94	Advertising- DOC Grant 20/21		\$ -	\$ 3,000.00
20240	92	Advertising - DOC Grant 19/20	3000	3000	
20240	91	Advertising - Oil Grant 19/20	2000	2000	
20250		Lease of Equipment	\$ 2,500	\$ 2,500	\$ 2,000.00
20250	70	Lease of Equip- USFS Grant	\$ 2,500	\$ 2,500	

DNSWMA PROPOSED BUDGET for Fiscal Year 2020 / 2021

8-Apr-20

Line	Project	Description	FY 19/20		FY 20 / 21	
			Adopted	Revised as of 3/17/20	Proposed	
20251		Lease - Gasquet Transfer Station	\$ 700	\$ 709	\$	740.00
20260		Rent-Office		\$ -	\$	-
20269		Lease Payment - Card Machine		\$ -	\$	-
20270		Minor Equipment (>\$1K)	\$ 2,000	\$ 2,000	\$	2,000.00
20275		Small Tools (<\$1K)	\$ 800	\$ 800	\$	800.00
20270	70	Small Tools - USFS Grant	\$ 2,395	\$ 2,395		
20280		Delivery Service	\$ 400	\$ 400	\$	400.00
20281		Household Hazardous Waste Event	\$ 35,000	\$ 35,000	\$	36,000.00
20283		Community Clean-up	\$ 7,500	\$ 7,500	\$	7,500.00
20283	70	Community Clean-up - USFS Gran	\$ 8,000	\$ 8,000		
20285		Special Dept Expense	\$ 4,500	\$ 4,500	\$	4,500.00
20285	72	Spec Dept Exp - DOC Grant 18/19		4500	\$	-
20285	71	Spec Dept Exp - Oil Grant 18/19		3608	\$	-
20285	93	Spec Dept Exp-Oil Grant - 20/21			\$	4,500.00
20285	94	Spec Dept Exp - DOC Grant 20/21			\$	6,500.00
20285	92	Spec Dept Exp - DOC Grant 19/20	4500	6500	\$	-
20285	91	Spec Dept Exp - Oil Grant 19/20	6500	4500	\$	-
20286		Cash Over/Under	\$ 250	\$ 250	\$	250.00
20287		DNDI Other Pickups		\$ -	\$	-
20287	70	DNDI Pickups - USFS Grant	\$ 4,000	\$ 4,000		
20288		City Collections	\$ 11,000	\$ 11,000	\$	11,200.00
20290		Travel	\$ 6,000	\$ 6,000	\$	6,000.00
20290	70	Travel - USFS Grant	\$ 400	\$ 400		
20290	72	Travel - DOC Grant 18/19		4500	\$	-
20290	71	Travel - Oil Grant 18/19		3608	\$	-
20290	93	Travel-Oil Grant - 20/21		0	\$	2,500.00
20290	94	Travel - DOC Grant 20/21		0	\$	4,500.00
20290	92	Travel - DOC Grant 19/20	4500	4500		
20290	91	Travel - Oil Grant 19/20	2500	2500		
20291		Commissioner Expense		\$ -	\$	-
20297		Vehicle Fuel	\$ 1,000	\$ 1,650	\$	1,800.00
20300		Utilities		\$ -	\$	-
20301		State Fees	\$ 32,000	\$ 32,000	\$	32,500.00
Services & Supplies			\$ 2,058,553	\$ 2,105,734	\$	2,354,990
Other Charges						
30420		Interest Payments				
30440		Transfer Station Loan Pymts-Interest				
30490		Depreciation Expense	\$ 81,678	\$ 81,678	\$	81,675.00
30500		Department Allotment			\$	-
Fixed Assets						
40610		Property	\$ 2,683	\$ 2,683	\$	234,318.00
40620		Equipment				
Intra / Inter Fund Transfers						
70530	25	Interfund-Repayment to County	\$ 200,700	\$ 200,700	\$	200,274.00
70530	199	Interfund-Cost Plan	\$ 90,717	\$ 90,717	\$	\$94,117.00
70800		ARC Payment OPEB	\$ 140,000	\$ 140,000	\$	140,000.00
70910		Op. Transfer Out		\$ -	\$	-
70910	123	Op Trans Out Bad Check Fee		\$ 150	\$	150.00
Other Charges						
81000		Contingency	3000	3,000	\$	3,000.00
Other Charges			\$ 518,778.00	\$ 518,928.00	\$	753,534.00
TOTAL EXPENDITURES			\$ 3,330,608.47	\$ 3,371,011.47	\$	3,944,735.00

DNSWMA PROPOSED BUDGET for Fiscal Year 2020 / 2021

8-Apr-20

			FY 19/20	FY 19/20	FY 20 / 21
Line	Project	Description	Adopted	Revised as of 3/17/20	Proposed
Revenues					
90153		Franchise Fees	\$ (332,000)	\$ (341,910)	\$ (369,300.00)
90210		Code Enforcement		\$ -	\$ -
90300		Interest - Solid Waste	\$ (11,000)	\$ (11,461)	\$ (14,200.00)
90301		Late Payment Fee		\$ -	\$ (2,235.08)
90650	72	DOC Grant 18/19			
90650	71	Oil Grant 18/19			
90650	94	DOC Grant 20/21			\$ (15,000.00)
90650	93	Oil Grant 20/21			\$ (15,000.00)
90650	91	DOC Grant 19/20	0	0	
90650	92	Oil Grant 19/20	0	0	
90650	70	USFS Cleanup Grant	\$ (31,639.0)	\$ (31,639.0)	
90830		Closure/Post Closure Fee		\$ -	\$ -
91001		Tipping Fees		\$ -	\$ -
91002		Resource Recovery Infrastructure Fee		\$ -	\$ -
91003		Gate Tipping Fees	\$ (1,891,084.6)	\$ (1,916,422.0)	\$ (2,282,300.00)
91003	99	Gate Tipping Fees - Prior Yr	\$ (500.0)	\$ (500.0)	\$ (500.00)
91004		Authority Service Fees	\$ (1,033,484.8)	\$ (1,033,484.8)	\$ (1,245,300.00)
91004	99	DNSWMA Tipping Fees - Prior Yr	\$ (300.0)	\$ (300.0)	\$ (300.00)
91070		Operating Transfer In (from 608)		\$ -	\$ -
91070	25	Op Tran in from County (Loan)		\$ -	\$ -
91075	25	Op Transfer in from County		\$ -	\$ -
91121		Misc Reimbursements	\$ (500.0)	\$ (500.0)	\$ (500.00)
91121	123	Bad Check Fee Reimb	\$ (100.0)	\$ (100.0)	\$ (100.00)
91122		Insurance Recovery		\$ -	\$ -
91124		Misc Revenue		\$ -	\$ -
91127		Liability Insurance Recovery		\$ (2,441.0)	\$ -
91130		Construction Loan			\$ -
91131		UI Recovery		\$ (4,709.0)	\$ -
				0	
TOTAL REVENUES			\$ (3,330,608)	\$ (3,343,467)	\$ (3,944,735)
Net Cost (Prior Year Grant Expenses)			\$ 0	\$ 27,545	\$ (0)