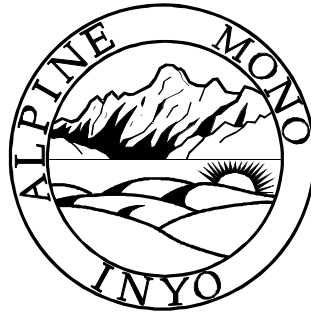


GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT



GOVERNING BOARD REGULAR MEETING INFORMATION

Meeting Date & Time

Thursday, March 9, 2017 at 10:00 a.m.

Meeting Location

Inyo County Administrative Center
Board of Supervisors Chamber
224 North Edwards Street (U.S. Highway 395)
Independence, California 93526

District Board

Larry Johnston, Mono County, Chair
John Wentworth, Town of Mammoth Lakes, Vice Chair
Ron Hames, Alpine County
David Griffith, Alpine County
Dan Totheroh, Inyo County
Fred Stump, Mono County
Matt Kingsley, Inyo County

Phillip L. Kiddoo, Air Pollution Control Officer
157 Short Street, Bishop, California 93514
(760) 872-8211 E-mail: pkiddoo@gbuapcd.org



Great Basin Unified Air Pollution Control District

157 Short Street, Bishop, California 93514-3537
760-872-8211 Fax: 760-872-6109

NOTICE OF PUBLIC HEARING GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT REVIEW OF 2017-2018 DISTRICT AND SB 270 BUDGETS AND ORDER

The Governing Board of the Great Basin Unified Air Pollution Control District will conduct a public hearing for the purpose of reviewing the District's annual budgets and proposed California Health and Safety Code Section 42316 fee order for the 2017-2018 fiscal year and to provide the public with an opportunity to comment on the proposed budgets. The District has prepared a summary of its proposed total annual budget for the 2017-2018 fiscal year, including a schedule of fees to be imposed by the District to fund its programs. It should be noted that a portion of the budget is funded through an order authorized by California Health and Safety Code Section 42316, which requires the City of Los Angeles to pay fees to the District based on an estimate of the actual costs to the District of its activities associated with the development of mitigation measures and related air quality analysis associated with the air quality impacts of the City of Los Angeles' water diversion, conveyance and storage activities. A copy of the budget summaries will be available for inspection at the District office at the address shown below on or after February 7, 2017. The FY 2017-2018 District (non-SB 270) budget may include an automatic adjustment to permit fees to account for changes in the California Consumer Price Index. The budgets will not be adopted at the same meeting during which this public hearing is conducted. Rather, the Governing Board will consider adoption of the budgets at its next regular meeting, scheduled for May 11, 2017.

The public hearing will be conducted at a regular meeting of the District Governing Board to be held at 10:00 a.m. on Thursday, March 9, 2017, at the Inyo county Administrative Center, Board of Supervisors Chamber, 224 N. Edwards Street (U.S. Highway 395), Independence, CA 93526. The public hearing on the District's total annual budgets is set for 10:05 a.m. Written comments are invited, and should be addressed to Phillip L. Kiddoo, Air Pollution Control Officer, Great Basin Unified Air Pollution Control District, 157 Short Street, Bishop, California 93514. Written comments received by close of business on Wednesday, February 22, 2017, will be included in the staff report sent to the Governing Board members. Comments may also be made during the public hearing. For further information, call the District's Board Clerk, Tori DeHaven at (760) 872-8211.

Publication Dates

Inyo Register	February 2 & February 4, 2017
The Sheet	February 4 & February 11, 2017
Tahoe Daily Tribune	February 3, & February 4, 2017
Record Courier	February 3 & February 5, 2017



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537

Tel: 760-872-8211 www.gbuapcd.org

GOVERNING BOARD REGULAR MEETING AGENDA

THURSDAY, MARCH 9, 2017 AT 10:00 AM

Inyo County Administrative Center

Board of Supervisors Chamber

224 North Edwards Street (U.S. Highway 395)

Independence, California 93526

Assistance for those with disabilities: If you have a disability and need accommodation to participate in the meeting, please call Tori DeHaven, Board Clerk, at (760) 872-8211 for assistance so the necessary arrangements can be made.

1. Call to order and pledge of allegiance
2. Public comment on matters not on the agenda (No Action)
3. Induction of Deputy Air Pollution Control Officer, Ms. Ann Piersall (No Action).....1
4. Election of Governing Chair and Vice Chair for 2017 (Action)2
5. **10:05 a.m.: PUBLIC HEARING - Fiscal Year 2017-2018 Total District Budget** – Staff report and public comments on the draft District and SB 270 sub-budgets (No Action – first of two required budget hearings)3
6. Consent Items (Action)
 - a. Approval of November 10, 2016 Governing Board meeting minutes.....11
 - b. Adoption of publicly available pay schedules for Fiscal Year 2011-2012 through Fiscal Year 2018-2019.....21
 - c. Approve extension of time for Inyo County Environmental Public Benefit Fund expenditure.....30
 - d. Waiver of District Rule 1102 annual \$0.55 per capita town and counties assessment fee for fiscal year 2017-201831
 - e. Approve 2017 District rule adoption/revision schedule as required by California Health and Safety Code section 4092333
 - f. Approve purchase of TEOM maintenance items from Thermo Scientific, a sole-source provider, for \$25,000.....34
 - g. Approve purchase of Teledyne-API Model T640 PM10/2.5 for \$42,000.....36
 - h. Approve to re-establish the Technical Services Specialist (TSS) position in the Keeler Field Office38
 - i. Approve contract with University of Southampton, England, for professional services by Dr. Joanna M. Nield for work on Brine BACM for an amount not to exceed \$20,000.....42

7. Consider appointing two people to the vacant positions on the District’s Hearing Board to serve a three-year term (Action)48
8. Regional Haze (No Action)
 - a. California Regional Haze Plan and Rule Revision Implications51
(Tina Suarez-Murias, CARB)
9. Keeler Dunes Dust Control Project update (No Action)56
10. Informational Items (No Action)
 - a. Fiscal Year 2015-2016 independent auditor’s report63
 - b. Fiscal Year 2016-2017 state subvention funding application.....64
 - c. Amended 4th quarter financial reports for SB 270.....65
 - d. Fiscal Year 2016-2017 1st quarter financials68
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 - f. Travel report84
 - g. Permit enforcement activity report86
11. Board member reports (No Action)
12. Air Pollution Control Officer report (No Action).....87
13. Confirm date and location of next regular meeting (May 11, 2017, Bridgeport, CA)88
14. **CLOSED SESSION** - The Board will recess into closed session for a conference call with legal counsel regarding existing litigation in the following matters:
 - a. Russell Covington; Robert Moore; Randy Sipes; Randal Sipes, Jr.; Laborers’ International Union of North America Local Union No. 783 vs. Great Basin Unified Air Pollution Control District; Mono County Superior Court, Case No. CV140075; pursuant to subdivision (a) of Section 54956.9 of the California Government Code.
 - b. Mammoth Community Water District vs. Great Basin Unified Air Pollution Control District; Mono County Superior Court, Case No. CV140076; pursuant to subdivision (a) of Section 54956.9 of the California Government Code.

(All Meetings Are Electronically Recorded – All public records relating to an agenda item on this agenda are available for public inspection at the time the record is distributed to all, or a majority of all, members of the Board. Such records shall be available at the District office located at 157 Short Street, Bishop, California.)



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537

Tel: 760-872-8211

BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Phillip L. Kiddoo, Air Pollution Control Officer

Subject: Induction of Deputy Air Pollution Control Officer, Ms. Ann Piersall

Summary:

On January 3, 2017, the Great Basin Unified Air Pollution Control District (District) held a deputizing ceremony at Owens Lake to commemorate a historic juncture for the agency. On this day, as Air Pollution Control Officer (APCO), under the authority of California Health and Safety Code (CHSC) §40750, Ms. Ann Piersall was appointed deputy as necessary for the prompt and faithful discharge of the APCO's duties under CHSC §40751. As law enforcement officers, the APCO and DAPCO are tasked with the duties required by CHSC §40752. These duties include observing and enforcing all of the following:

- (a) Part 3, Air Pollution Control Districts and Part 4, Nonvehicular Air Pollution Control (commencing with Section 41500).
- (b) All orders, regulations, and rules prescribed by the district board.
- (c) All variances and standards which the district hearing board has prescribed.
- (d) All permit conditions imposed pursuant to Sections 42301 (Purposes of a Permit System) and 42301.10 (Matters Included in Permit Issued to Title V Source).

Today, with great satisfaction before the Governing Board, Ms. Ann Piersall is formally inducted as Deputy Air Pollution Control Officer of the Great Basin Unified Air Pollution Control District.

Board Action:

None. Induction performed by Air Pollution Control Officer.



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537

Tel: 760-872-8211

BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Tori DeHaven, Clerk of the Board

Subject: Election of Board Chair and Vice-Chair for 2017

After January each year, when Great Basin's member agencies appoint their representatives to the District Governing Board, the Board elects its Chair and Vice-Chair for the calendar year. Although the Governing Board is not restricted in any way in the selection of officers, historically the Board has observed a rotation of positions among the four government agencies that compose the District. The rotation order has been Alpine, Inyo, Mono and Mammoth Lakes. If that rotation is to be observed this year, it is the Town of Mammoth Lakes' turn as the Chair (John Wentworth) with Alpine as the Vice-Chair (Ron Hames or David Griffith). John Wentworth was the Vice-Chair and Larry Johnston was the Chair for 2016; staff thanks both of them for their service.

Fiscal Impact

None.

Staff Recommendation

Staff recommends that the Board nominate and elect a Chair and Vice-Chair for 2017.



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537

Tel: 760-872-8211 Fax: 760-872-6109

BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Phillip Kiddoo, Air Pollution Control Officer
Susan Cash, Administrative Projects Manager

Subject: **Public Hearing** – Fiscal Year 2017-18 Draft Budget
Staff Report and Public Comments on the District and SB 270 Sub-budgets

State law requires that all air pollution control districts hold a public hearing on their proposed budgets at a meeting separated by at least two weeks from the meeting at which they adopt the budgets (H&SC §40131). Today's public hearing is on the entire budget, including the sub-budgets referred to as the "District" budget and the "SB 270" budget. Those proposed budgets are discussed in this report. No formal action for approval of the budget is to be taken at this time. Instructions can be given to staff to modify the budget based upon Board and public input at the hearing and other decisions made during the regular meeting. The budget will be adopted at the Board's May meeting.

District Budget

The District Budget is funded primarily by permit/air monitoring fees (~80%) and state subvention funds (~20%). The Regular District budget covers the permitting of commercial sources, air quality planning and monitoring not associated with the water-gathering activities of the City of Los Angeles Department of Water and Power (City or LADWP), and enforcement of air quality rules and regulations.

The District budget contains a special sub-account funded by the \$10,000,000 public benefit contribution from the City to control PM10 emissions at the Keeler Dunes (Table 3). This was a result of the 2013 Settlement Agreement dated August 19, 2013 (2013 SA) and is a part of the District budget and not the SB 270 budget or assessment.

Keeler Dunes Project Sub-Budget: FY 2016-17. Staff estimates that \$191,200 will be expended during 2017-18 including contract administration by AMEC (\$100,000), \$28,000 for project related expenses such as permits, straw bales, environmental services and water costs, plus \$63,200 for employee costs. The estimated \$63,200 in employee costs reflects wages and benefits for two employees to spend .20 and .30 of their time on the Keeler Dunes project (general oversight) that were previously allocated at 1.0 each to the SB 270 budget prior to FY 2014-15. Thus, there

continues to be a .50 FTE (full-time equivalent) reduction of personnel from SB 270 to the Keeler Dunes Project budget. Staff will evaluate the time spent and make adjustments on an annual basis of this FTE allocation. Table 3 shows the Keeler Dunes budget estimations for FY 2017-18.

Base District Budget. The District Budget for fiscal year FY 2017-18 is \$698,800. Compared to FY 2016-17, expenses are estimated to be \$5,600 lower (-0.80%). Anticipated revenue will balance the 2017-18 budget.

Normal employee costs are down by \$74,300 (-13.02%) primarily due to reduced GASB 68 Trust-Prefunding (-\$55,700). In March 2014, the Board approved a lump sum payoff of the District's portion of the Side Fund, an unfunded accrued liability charged to employers. In February 2016, the Board approved a contribution to pay off the District's (non-SB270) actuarially determined share of pension liabilities (as of June 30, 2014) and to contribute future year Actuarially Determined Contributions (ADC) per the GASB 68 valuation. An actuarial valuation for retiree medical liabilities was updated in 2015 and no significant contributions for 2017-18 will be made. It is anticipated that the District will need to make limited contributions (~\$10,000) depending on the rate of return and various other factors that are analyzed in one year for the 2018-19 FY. In 2009-10, the District adopted and partially funded an IRS §115 trust under Governmental Accounting Standards Board (GASB) 45 requirements relative to unfunded retiree medical costs.

Revenue for the FY 2017-18 District budget (non-SB 270) is projected to increase by \$6,800 (0.98%) due to the expiration of a temporary decrease of \$10,000 in air monitoring fees for the Town of Mammoth Lakes and a transfer from capital reserves, offset by a decrease in penalties and fines. It is anticipated that the State subvention allocation will remain steady, as the District has received its full allocation the past four fiscal years and there has been no word of reductions.

FY 2017-18 revenue incorporates the Governing Board's waiver of the per capita revenue source (later on today's agenda). Given the District's reserve policy¹, fee payers and permit holders did not see an out-of-pocket fee increase the last five years (FY 12-13, 13-14, 14-15, 15-16, 16-17) and based on the current proposed budget, this will again occur in FY 2017-18. The District annually calculates and adjusts the fees due based on the Consumer Price Index (CPI) and the Governing Board must take action annually to waive the automatic CPI increase. Should the CPI waiver be approved, a rebate or subsidy of that amount for that fiscal year is applied and reflected on the invoice. If in a subsequent year the CPI waiver does not apply, then the difference, as opposed to cumulative, in the CPI rate from the last adjustment and the current CPI rate will be in effect and invoiced.

District budget reserve funds are available to make up any potential revenue shortfall. The following tables provide details regarding the proposed District budget expenditures and revenues.

¹ Policy: If the District (non-SB270) reserves are above 20% of the adopted final budget in May/June, then any automatic CPI increase for permit fees will not take place for the upcoming fiscal year.

TABLE 1

2017.02.03

FY 2017-18 **DISTRICT BUDGET**

EXPENSES	2016-17	2017-18	% Change
I. Employee Costs			
A. Employee Wages	330,000	322,500	-2.27%
B. Retirement	60,000	57,700	-3.83%
C. Insurance Benefits	62,000	57,500	-7.26%
D. Taxes	60,000	55,600	-7.33%
E. Retiree Medical Insurance Unfunded Liability	0		
F. Worker's Compensation Insurance	3,000	3,100	3.33%
G. Retirement: GASB 68 Trust-Prefunding of Unfunded Liability	55,700		-100.00%
Employee costs	570,700	496,400	-13.02%
II. Operating & Compliance Costs			
A. Advertising - Legal Notices & Ads	4,000	4,000	0.00%
B. Dues, Subscriptions, Education, Use Tax, Fees, AB2588	10,000	10,000	0.00%
C. Equipment: Computer, Furniture, General, Office, Safety, Scientific, Software, Furniture (<\$5,000 ea)	9,500	18,000	89.47%
D. Fuel & Gasoline	4,300	4,300	0.00%
E. Health & Safety	1,000	1,000	0.00%
F. Insurance - Liability, Fire & Casualty	10,000	10,000	0.00%
G. Leases & Rents: Equipment, Office, Site, Storage	25,400	25,700	1.18%
H. Maintenance & Repairs of Equipment - Labor	9,500	12,000	26.32%
I. Maintenance & Repairs of Equipment - Materials	8,000	12,000	50.00%
J. Postage & Shipping	1,000	1,000	0.00%
K. Professional & Special Services	13,000	45,000	246.15%
L. Supplies & Tools (In Field, Office, General Use)	6,000	3,000	-50.00%
M. Transportation & Travel	5,500	5,500	0.00%
N. Utilities	8,500	8,500	0.00%
O. Public Assistance/Grant Programs	6,000	6,000	0.00%
Operating & Compliance Costs	121,700	166,000	36.40%
III. Materials and Equipment			
A. Equipment: Computer, Furniture, General, Office, Scientific, Software, Furniture (>\$5,000 ea)	-	31,400	
B. Capital Expenditure Fund: Vehicles & Equipment	12,000	5,000	-58.33%
Materials and Equipment	12,000	36,400	203%
FY 2015-16 TOTAL DISTRICT EXPENSES	704,400	698,800	-0.80%

EPA 105 Grant (Restricted)

71,746

71,899

153

EPA PM2.5 Grant (Restricted)

23,245

23,245

-

General Fund Reserve as of January 31, 2017

832,274

TABLE 2

FY 2017-2018 DISTRICT BUDGET

REVENUE	2016-17	2017-18	% change
I. Fees, Permits & Penalties			
A. AB2588 - Toxic Hot Spots	1,500	1,500	0.00%
B. Conservation Mgmt Plan/Prescribed Burn Plan	7,000	5,000	-28.57%
C. Geothermal	309,000	309,000	0.00%
D. Hearing Board	500	-	-100.00%
E. Initial Permit Fees (FF, ATC, Mods)	30,000	30,000	0.00%
F. Penalties & Late Fees	60,000	20,000	-66.67%
G. Sources (Asbestos, Diesel, Fuel, Electric, PERP)	110,000	114,400	4.00%
H. Service Station Vapor Recovery	15,000	15,000	0.00%
Fees, Permits & Penalties	533,000	494,900	-7.15%
II. Other Revenue			
A. Air Monitoring Audits	0	0	0.00%
B. Interest	2,000	2,000	0.00%
C. Per Capita Fee	0	0	0.00%
D. Sales, Services, Fees, Rebates & Refunds	4,000	2,000	-50.00%
E. State Subvention (3 counties)	138,000	138,500	0.36%
F. Town of Mammoth Lakes (Air Monitoring)	15,000	25,000	66.67%
G. From Capital Asset Reserves: E&M		36,400	
H. From Reserves:Unfunded Pension Liabilities			
Other Revenue	159,000	203,900	28.24%
FY 2017-18 TOTAL DISTRICT REVENUE	692,000	698,800	0.98%

EPA 105 Grant (Restricted)	71,746	71,889	143.00
EPA PM2.5 Grant (Restricted)	23,245	23,245	-

Public Hearing – FY 17-18 Total District Budget Staff Report and Public Comments on the Draft
District and SB 270 Sub-budgets (No Action – first of Two Required Budget Hearings)
March 9, 2017 – Agenda Item No. 5 – Page 4 of 8

TABLE 3

2017.02.03

FY 2017-18 DISTRICT SPECIAL FUND ACCOUNTS (Non-SB270)

	2013-14*	2014-15	2015-16	2016-17	2017-18	
	Year 1 - Actual	Year 2 - Actual	Year 3 - Actual	Year 4	Year 5	Total
Keeler Dunes Project						
I. Administration						
A. Professional Services - AMEC	99,973	203,195	112,700	107,000	100,000	622,868
II. Project						
A. BLM Fee	15,618	5,000	1,145	15,000	20,000	56,763
CEQA - Notice of Determination Fee	3,030	-	-	-	-	3,030
State Water Resources Control Board Fee	-	5,616	-	-	-	5,616
Fees: Other	-	-	-	-	-	-
B. EIR & CEQA: Sapphos (Dec. 1, 2013 and forward)	299,790	46,721	-	-	-	346,511
EIR & CEQA: Sapphos (Pre-Construction Cultural Survey)	-	50,000	-	-	-	50,000
C. Equipment, Seeds, Supplies, Misc.	2,375	2,377	3,800	5,000	5,000	18,552
D. Construction: Barnard	-	7,571,653	-	-	-	7,571,653
E. Straw Bales: Myers Farms (March 2014)	113,773	30,669	-	-	-	144,442
Straw Bales: Long Valley Hay (January 2015)	-	260,105	-	-	-	260,105
Straw Bales: R.S. Green (March 2014)	43,348	137,749	-	-	-	181,097
Straw Bales: R.S. Green (March 2015)	-	93,300	-	-	-	93,300
Straw Bales: R.S. Green (May 2015)	-	42,500	-	-	-	42,500
F. Plant Propagation: Antelope Valley Resource/Greenhart Farms	277,666	-	147,485	-	-	425,151
G. Straw Bale Demonstration Test- DRI	37,218	-	-	-	-	37,218
H. KCSD Water System Upgrade	-	25,000	-	-	-	25,000
I. KCSD Irrigation Water	-	405	-	2,000	3,000	5,405
J. Water Well Monitoring & Lab Analysis	-	-	700	1,000	-	1,700
III. Employee Costs						
A. Senior Scientist (.20) & Field Services Tech (.30)	-	59,700	58,316	65,000	63,200	246,216
TOTAL DISTRICT SPECIAL FUND ACCOUNTS	892,791	8,533,990	324,146	195,000	191,200	10,137,127

Keeler Dunes Project Funding

LADWP Public Benefit Contribution (Dec. 5, 2013)	10,000,000					10,000,000
NOV #461 transfer per B/O #161110-05					1,199,707	1,199,707
Interest	7,311	13,913	13,382			34,606
Refund from Myers Farms		94,992				94,992
						11,329,305

*FY 2013-14 Special Fund Account budget of \$355,000 was from the Owens Lake Trust Fund for the Keeler Dunes EIR & Science.

SB 270 Fee Assessment Budget

The annual SB 270 budget and fee assessment is the District's estimate of the cost to maintain the level of effort necessary to address violations of state and federal air quality standards due to the water-gathering activities by the City of Los Angeles within the District's boundaries. The assessment is a fee as provided for in Section 42316 of the California Health & Safety Code. The fee funds the cost of monitoring air quality affected by the City's water-gathering activities, the development of air quality plans, monitoring the City's implementation of control measures, enforcing control measure compliance, control measure research, legal fees to enforce and defend its decisions, and collection of data on significant Owens Lake area environmental resources for California Environmental Quality Act (CEQA) purposes.

During the period between this initial public hearing for comment on the budget and the May Board meeting to adopt the budget and order to the City to pay the SB 270 assessment, District staff invites representatives from the City to meet to discuss and finalize the proposed assessment. The City indicated in an email from Milad Taghavi dated February 23, 2017 that they had received and read the assessment report and had no objection to the assessment.

The SB 270 fee assessment includes the costs associated with District employees working on SB 270 matters. The assessment also includes general recurring operating costs, the cost of enforcing air quality requirements, long-term or ongoing project costs and material/equipment costs. Funding for dust source research and consulting have been incorporated into professional services.

Included with your Board packet materials for this meeting is a separately bound February 3, 2017 dated document titled, *2017-2018 Fiscal Year SB 270 Budget and Fee Assessment*. District staff has distributed this document to the Board as well as to City of Los Angeles. It is available, upon request, to any interested party. The assessment is summarized below—assessment details can be found in the above referenced *Assessment* document. Summary tables from the document are included in this report.

The proposed fee total is \$5,025,500. Compared to the 2016-17 fee total of \$4,706,000 the proposed fee total represents an increase of 6.79% (\$319,500). The 2017-18 budget contains estimates in each category to meet commitments made by the District in the 2016 SIP Board Order¹, Phase 9/10² EIR, December 2014 Stipulated Judgment³ and 2010 Coso Junction Maintenance Plan⁴ including: 1) maintenance and replacement of air monitoring equipment at Owens Lake; 2) consultant fees necessary to carry out committed regulatory and compliance tasks at Owens Lake and Mono Lake; and 3) the December 2014 Stipulated Judgment³ to implement the terms of the stipulation and agreement. The Owens Lake Scientific Advisory Panel (OLSAP) deferral will come to an end in July 2017, and this budget does not add anything to the \$750,000 carried over from the 2015-16 fiscal year budget.

Compared to 22 years ago in 1995, the proposed FY 2017-18 SB 270 estimated budget and fee assessment has increased a total of \$172,704 (3.69%). Compared to the 2007 assessment of \$5,816,250 when the City and District were implementing the 2006 Settlement Agreement, the FY 2017-18 assessment is \$957,132 less (-16.46%). Since 1995, the California consumer price index has increased by 39.68% and by 37.39% since 2007.

Employee Costs

Total SB 270 employee costs are estimated to be \$2,869,000, an increase of 4.18% (\$115,000) over FY 2016-17. The increase is primarily attributable to a 2.5 % COLA for employees as well as increased health care premiums, offset by the decrease of 0.35 FTE (contract Administrative Clerk position eliminated). This category includes an allocation of wages, retirement, medical benefits, taxes, unfunded liability for future retiree medical insurance and workers compensation insurance. Other factors reflected in the employee costs section include regular promotion opportunities, regular step increases, retirement expenses, payroll taxes and workers compensation insurance.

Details of the SB 270 draft proposed budget can be found in the accompanying *Final 2017-2018 Fiscal Year SB 270 Budget and Fee Assessment*.

Fiscal Impact

The proposed total budget for all 2017-2018 District activities is \$5,900,500. This is \$295,100 more or a 5.26% increase from the 2016-17 total budget of \$5,605,400. Details of the specific increase and decreases can be found in the attached tables and *2017-2018 Fiscal Year SB 270 Budget and Fee Assessment*. Total District costs will be funded by a combination of permit fees, state subvention, project funds and SB270 fees charged to the City of Los Angeles.

Board Action:

Staff recommends that the Board conduct the first of two public hearing on the total budget, consisting of the District and SB 270 sub-budgets and direct staff to make any changes based upon the results of the public hearing. The budgets are a no-action item at this time and but will be adopted at the May 2017 Board meeting.

Attachments:

- Total District Budget
- *2017-2018 Fiscal Year SB 270 Budget and Fee Assessment*, dated February 3, 2017 (bound separately)

TOTAL GBUAPCD BUDGET

2017.02.02

FY 2017-18 DISTRICT AND SB 270 BUDGET

	16-17	17-18	% Change
DISTRICT			
I. Employee Costs	570,700	496,400	-13.02%
II. Operating & Compliance	121,700	166,000	36.40%
III. Materials & Equipment	12,000	36,400	203.33%
IV. Special Fund Account	195,000	176,200	-9.64%
Total District	899,400	875,000	-2.71%
			(24,400)
SB 270 FEE			
I. Employee Costs	2,754,000	2,869,000	4.18%
II. Operating & Compliance	1,802,000	1,915,500	6.30%
III. Materials & Equipment	150,000	241,000	60.67%
Sub-Total SB 270 Fee	4,706,000	5,025,500	6.79%
			319,500
IV. Owens Lake Scientific Advisory Panel	-	-	
Total SB 270 Fee	4,706,000	5,025,500	6.79%
			319,500
Less Reserve Policy Credit	-	(166,382)	-
SB 270 Fee Due	4,706,000	4,859,118	3.25%
			153,118
TOTAL DISTRICT AND SB 270 BUDGET	5,605,400	5,900,500	5.26%
			295,100



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537
Tel: 760-872-8211 Fax: 760-872-6109

BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Tori DeHaven, Clerk of the Board

Subject: Approval of Minutes of the November 10, 2016 Governing Board Regular Meeting

Summary:

Attached for the Board's approval are the minutes from the November 10, 2016 regular meeting held in Mammoth Lakes, California.

Board Action:

Staff recommends that the Board review and approve the minutes from the November 10, 2016 meeting.

Attachment: November 10, 2016 minutes

Consent - Approval of the November 10, 2016 Regular Governing Board Meeting Minutes (Action)
March 9, 2017 – Agenda Item No. 6a – Page 1

GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT
GOVERNING BOARD MINUTES
November 10, 2016

(All Meetings Are Mechanically Recorded)

The Great Basin Unified Air Pollution Control District Governing Board of the Counties of Alpine, Inyo and Mono, State of California met at 10:00 am on November 10, 2016 at the Town of Mammoth Lakes Council Chambers, 437 Old Mammoth Road (Suite Z), Mammoth Lakes, California 93546.

The following Board members were present: Board Chair Johnston, Mono County; Board Vice Chair Wentworth, Town of Mammoth Lakes; Board member Stump, Mono County; Board member Kingsley, Inyo County; Board member Griffiths, Inyo County; Board member Rawson, Alpine County; and Board member Hames, Alpine County.

GBUAPCD staff present: Phill Kiddoo, Air Pollution Control Officer; Susan Cash, Administrative Projects Manager; Nik Barbieri, Director of Technical Services; Grace Holder, Senior Scientist; Ann Piersall, Air Monitoring Tech II; Kimberly Mitchell, Research & Systems Analyst II; Susan Determann, Air Monitoring Tech II; Jon Becknell, Air Quality Specialist II; and Tori DeHaven, Clerk of the Board.

Members of the public included: David Griffith and Annie Dean, Alpine Biomass Committee; Liz O'Sullivan, Mono County resident; Earl Wilson, Inyo County resident; Greg Cook, GC Forest Products; Danna Stroud, Sierra Nevada Conservancy; Taro Pusina, Inyo National Forest; Alan Abbs, California Air Pollution Control Officer's Association; and Milad Taghavi, City of Los Angeles Department of Water and Power.

Agenda Item #1
Call to Order
Pledge of Allegiance

Board Chair Johnston called to order the regular meeting of the Governing Board at 10:05 a.m.

Board Vice Chair Wentworth then led the Pledge of Allegiance.

Agenda Item #2
Public Comment on
Items not on the
Agenda
(No Action)

Board Chair Johnston asked for public comment on items not on the agenda at 10:06 am.

No comment was offered.

Agenda Item #3
Forest & Air Workshop
(No Action)

APCO Kiddoo introduced the various speakers as well as staff presenters.

The presentations are summarized as follows (*copies of the slideshow presentations are available in the Board Packet and upon request to the Clerk of the Board*):

Glenn Barley, San Bernardino/Inyo/Mono Unit Chief, CalFire: presented a current overview of drought, wildfires, bark beetle impacts and an update on the Governor's task force and activities.

- The bark beetle has become a serious problem especially with the last five years of drought. Currently, there are an estimated 66 million dead trees since 2010 due to the bark beetle. The beetles are affecting the trees in epidemic proportions.

- A tree mortality task force has been formed in collaboration with seven working groups, eighty entities, and ten counties all working together to address nineteen directives to handle the tree mortality issues.
- The costs of the tree mortality emergency can be broken down as follows: \$2.8 billion estimated cost to remove trees; approximately \$562 million to remove trees on USFS land and \$2.2 billion on non-USFS land.
- There are a few options for using the dead trees once removed: lumber (only viable for 3-4 months, feedstock, export, firewood, shavings and chips.
- The dead tree epidemic will be long lasting and difficult to remedy. The epidemic along with the severe drought raises fire threat. California and its associated resources including water, wildlife, forest products, recreation, fire regimes and associated economics have all been affected.
- Resources are being focused on ten counties with the hope for a bleed over effect to the rest of the state. In order to qualify as one of these counties there has to be a high tree mortality, either tier 1 or tier 2, and the county must have their own task force.
- Biomass facilities are shutting down due to economics and cost which leaves less options in dealing with the dead trees.

Jim Branham, Executive Officer for the Sierra Nevada Conservancy: presented on the state of the Sierra Nevada's Forests.

- California's primary watershed is in the Sierra Nevada Region and it provides more than sixty percent of California's developed water supply which nourishes communities, agriculture and industry.
- The Sierra Nevada Watershed Improvement Program was developed due to the unhealthy state of the Sierra Nevada forested watersheds. Currently, eighty percent of the dead trees in California are in the Sierra. The death of the trees means fire size and severity are increasing, water supply systems are at risk of massive sedimentation, and habitat is adversely affected. It is estimated that restoration efforts need to triple in order to address the release of significant PM 2.5 and black carbon being released by severe wildfires.
- The desired outcomes for the restoration initiative is the restoration of the health and resilience of forests, streams, meadows and communities while addressing tree mortality issues and reducing the risk and consequences of large and damaging wildfires. Other desired outcomes include improving habitat conditions, preserving working landscapes, reducing greenhouse gas emissions and stabilizing carbon storage. Improving the quantity and quality of water throughout the year while reducing air pollution and resulting health impacts.

Anthony C. Caprio, Fire Ecologist for the Sequoia, Kings and Devils Postpile National Parks: presented on the Rainbow Fire: past and contemporary fire regimes in the Devils Postpile National Monument, CA.

- The Rainbow Fire ignited by lightning in the Devils Postpile National Monument on August 20, 1992 six miles below the monument. 60+ mile an hour winds spread the fire to 2,400 acres in twenty-four hours. By September 8 about 3,378 acres had burned including 82% of the monument.
- Since the fire the objectives have been as follows: to examine post-fire vegetation responses using fire effects plots installed immediately post-fire and sampled six times from 1992-2012, examine post-fire tree regeneration in relation to fire severity, reconstruct patterns of past fire occurrence and examine its role in vegetation dynamics, and to determine what this might mean for management of the monument.

Debra Schweizer, Public Affairs Officer, Inyo National Forest: presented on smoke and air quality summary of the Inyo, Sequoia and Sierra National Forest plan revision.

- The forest plan revision goes through a process which addresses environmental impacts. An Environmental Impact Statement (EIS) explains proposed plan revisions, presents spectrum of management alternatives and analyzes environmental, social and economic effects. One EIS equals three records of decisions and three unique forest plans. Natural

resource topics for forest plan revisions are fire management, ecological integrity and sustainable recreation and designated areas.

- Fire management activities minimize the risk of loss of life and damage to property or ecosystem function. Firefighter and public safety are the first priority in every fire management activity. Fire reduction activities reduce fuel buildup, help maintain and protect habitat, reduce smoke from larger fires, provide added protection for communities and restore fire on the landscape. These actions are also an integral part of achieving sustainable recreation.
- Wildland fire is a necessary process, integral to the sustainability of fire-adapted ecosystems. Wildland fires burn with a range of intensity, severity and frequency that allows ecosystems to function in a healthy and sustainable manner.
- The revised forest plan addresses community wildfire protection, general wildfire protection as well as wildfire maintenance. Plan components allow for increase in mechanical treatments, prescribed burning and use of wildfires managed to meet resource objectives.

A break was taken at 11:30 am.

The Board resumed their regular meeting at 11:48 am.

Don Schweizer, Air Resource Specialist, U.S. Forest Service Region 5: presented on smoke transport in the Sierra Nevada.

- Although smoke modeling provides transport effect information understanding ground level impacts is still improving.
- There is exponential growth in emissions when there are high-density suppression fires. A dataset overlaid from various sites from 2006-2014 showed under low-density HMS there is not a statistical connection. However, medium to high density shows greater impact.
- Working closely with Dr. Cisneros at UC Merced to gather information on public perception of alerts and notifications.

Alan Abbs, Executive Director for the California Air Pollution Control Officer's Association: presented on air curtain incinerator updates.

- Air curtain incinerators control emissions better than open pile burning by using forced air. They are also preferable to open pile burning as their feed rate is more controllable, the fire is more contained and operators can respond faster to changing weather using a semi-enclosed device.
- Although air curtain incinerators have been intermittently permitted in California mostly for State Parks, a few private operators and an occasional USFS air curtain incinerator, this has been mostly at the local district level for the last decade.
- Questions have been raised about permitting, notification and consistency between districts on allowing operation in order to allow movement through different parts of the state.
- US EPA Region 9 informed CAPCOA and districts that New Source Performance Standards issued in 2006 require Title V Permits for air curtain incinerators.
- Various requirements have to be considered prior to the issuance of a permit by a district. Requirements include: once a district specific permit is issued a device could not travel to another district and operate without getting a new permit. Title V's themselves are complicated and require public notification and require review by EPA staff before issuing.

Jon Becknell, Air Quality Specialist II, GBUAPCD: presented on naturally ignited wildland fires and case studies of the Clark and Owens River fires.

- Although the fire season for 2016 was projected to be severe in the Sierra Nevada the Great Basin Valleys Air Basin remained only moderately impacted in terms of wildland fires and smoke.

- The Lakes Fire, which started June 12, 2016 in Yosemite National Park, grew slowly to about 1,000 acres and smoke usually only impacted the community when it drifted down-valley in the early mornings.
- The Mokelumne Fire, which started August 19, 2016 in the Mokelumne Wilderness of Alpine County, burned lightly for a total of 655 acres over several weeks.
- The Slate Fire, which started on October 12, 2016 in a Sequoia National Forest area, did not carry readily so land managers have decided to add supplemental planned ignitions in October to effectively treat about 1,600 acres.
- On August 4, 2016 the Clark Fire started and ignited amongst numerous recently burned prescribed fire areas in the Crestview vicinity which were reviewed, reviewed and approved by staff in Smoke Management Plans for the last 15 years. The Clark Fire burned 2,819 acres.
- The Owens River Fire burned 5,443 acres starting September 17, 2016. The Owens River Fire and the Clark Fire each burned intensively through untreated forest areas and then abated in a day or so upon reaching areas treated by thinning and prescribed fire.

Ann Piersall, Air Monitoring Technician II, GBUAPCD: presented on the Emergency Air Quality Monitoring Program.

- During the summer of 2015 the District initiated an Emergency Air Quality Monitoring Program which was created to provide real-time air quality information to local communities during air quality emergencies. Portable monitors are installed during emergencies in areas not covered by the District's permanent monitoring stations.
- The program consists of two portable particulate matter (PM) monitors, E-BAMs from Met One Instruments, and satellite telemetry units. These units are compact and durable and can be deployed to areas not covered by the District's permanent air monitoring network or to areas with known sensitive receptors such as school, hospitals or emergency shelters. The monitors collect real-time data that may be used to issue public health advisories.
- The program was created in response to increasing frequency of wildfires affecting communities that do not have permanent monitoring stations.
- Since the program's inception, monitors have been deployed to eight locations for six wildfires.

Kimberly Mitchell, Research & Systems Analyst II, GBUAPCD: presented on Rule701 – Air Pollution Episode Plan, public health alert notifications and website updates.

- District Rule 701, Air Pollution Episode Plan, was adopted in March of 2014. The rule establishes advisory procedures and specific pollutant criteria levels used to alert the public of air contaminants that may be harmful to health and recommendations to reduce exposure for populations who may be at risk. This rule expanded on the District's Owens Lake Health Advisory Program, which began in 1995 by introducing criteria levels for PM2.5 and wildfire smoke and expanding the program beyond Owens Lake.
- Two air quality health advisory lists are maintained for episode notifications; the dust advisory list notifies 180 subscribers by email and 58 by text message. The smoke advisory list notifies 199 subscribers by email. Subscribers include schools, health offices, media, Owens Lake workers and members of the public. So far this year, there have been 27 Air quality Health Advisories issued between January 1, 2016 and October 18, 2016.
- The District's website (www.gbuapcd.org) can be viewed for air quality conditions, health advisories, pollutant levels and links to pertinent information with hourly updates.

Board Chair Johnston asked for public comment at 1:14 pm.

Mr. Earl Wilson, Inyo County resident, indicated that although he likes the idea of air curtain incinerators he wonders why pelletizing the waste isn't being looked into. He also asked if EPA would be interested in providing money for air

sampling during fires, on a chemistry level. It would be interesting to know the types of chemicals being produced under such hot temperatures.

Mr. Greg Cook, GC Forest Projects, said that options need to be explored to address dealing with fuel reduction waste. An option to consider would be biomass plants. Treatment solutions need to be expedited as well as moving away from propane use.

Ms. Liz O'Sullivan, Mono County resident, explained that perhaps the current issues within the environment are just the natural progression of things. She suggested that environmental management may actually be making things worse.

Lunch was taken at 1:35 pm.

The Board resumed their regular meeting at 2:19 pm.

Agenda Item #4
Consent Items
(Action)

Board Chair asked for public comment at 2:20 pm.

Board member Rawson noted under public comment that she would like to introduce Mr. David Griffith. Mr. Griffith is newly elected to the Alpine County Board of Supervisors and will be taking her place.

Motion (Griffiths/Kingsley) approving consent agenda items a through f as follows:

- a. September 14, 2016 Governing Board meeting minutes
- b. Approve the purchase of one (1) new Cannon ImageRUNNER ADVANCE C5560i and accessories detailed in the bid received from American Business Machines in an amount not to exceed \$13,687.92 and authorize the APCO to sign any service agreements for the copier
- c. The Board declared as surplus all the equipment and vehicles listed in the staff report and authorize the APCO to dispose of such as provided in the District's Purchase, Bidding and Contract Policy (Section 4.3 of Rule 1101).
- d. Hearing Board members Pumphrey and Sweeney be re-appointed to the Hearing Board for a three year term ending December 31, 2019.
- e. The District Governing Board authorizes the APCO to approve Amended Purchase Order #1433 with Greenheart Farms Inc from Arroyo Grande, California for the purchase of an additional 15,000 native shrubs for the Keeler Project. The total price for the additional plants included in the amendment including tax is \$28,998.00. The total number of plants included in Amended Purchase Order #1433 is 92,000 with a cost not to exceed \$177,854.40.

- f. Approve PO with Draganfly Innovations Inc. for the amount not to exceed \$18,561.61 for the purchase of an additional Draganfly Commander airframe, and other maintenance items

Ayes: Johnston, Stump, Wentworth, Hames, Rawson, Kingsley, Griffiths

Noes: 0

Abstain: 0

Absent: 0

Motion carried 7/0 and so ordered.

B/O 161110-04

Agenda Item #5

Approval to Transfer Funds from Notice of Violation #461 in the Amount of \$1,199,707 to the Keeler Dunes Dust Control Project Budget (Action)

APCO Kiddoo explained that the funds in question are a result of the issuance of Notice of Violation (NOV) #461 to the City of Los Angeles Department of Water and Power (LADWP). The money is a settlement for the LADWP's failure to be in compliance for Shallow Flooding in Phase 7a and Phase 7 Transition Areas that were required to be completed by January 1, 2016. The LADWP paid the settlement in a timely manner at which time the funds were deposited into the Clean Air Projects Program (CAPP) and the District budget (non-SB 270), as required by the Stipulated Judgment. The action that staff is asking the Board to make is to approve the transfer of those funds from the CAPP and District budgets to the Keeler Dunes Dust Control Project budget. The Keeler Dunes Dust Control Project is the District's dust control project on the north shore of Owens Lake near the community of Keeler. It is a requirement of the Stipulated Order of Abatement of 2011 that the funds be used within the Owens Valley Planning Area. The Owens Valley Planning Area boundaries are south of Tinnemaha and they extend all the way down to the inlet of Haiwee, which is just south of Olancho and Cartago. It is the District's liability to fix the dust problem resulting from the Keeler Dunes. The LADWP's liability was released as part of the 2013 Settlement Agreement between the District and LADWP.

Dr. Grace Holder, GBUAPCD Senior Scientist, further explained that as it stands right now there is about \$44,000 left in the Keeler Dunes budget from the original \$10M. The NOV money would go toward ongoing operations and maintenance as well as any unexpected expenses that may arise with additional construction work that might need to be done.

Board Chair Johnston noted that at a previous hearing, staff had indicated that \$10 million would be enough to sustain the Keeler Dunes Dust Control Project. To which Dr. Holder explained that a number was given during that time without fully considering what the project would entail. Mr. Taghavi of the City of Los Angeles Department of Water & Power added that projects on Owens Lake often do not go as planned and end up costing more than expected. He also indicated that LADWP fully supports the settlement money being used on the Keeler Dunes Dust Mitigation Project.

Board members then began a discussion centered on the actual motion.

Board member Hames made motion number one indicating support for the action as described by staff in the Board Packet.

Board member Kingsley noted that he thought a contingency should be added to the motion that stated that money not spent on the Keeler Dunes should automatically revert back to the CAPP fund to be used in the Owens Valley Planning Area (OVPA). He added that this would help future Boards to determine what would be done with unspent money. Board member Griffiths supported the addition to the motion.

Board member Hames rejected the addition to his motion at which time Board member Kingsley proposed a secondary motion which would include his contingency.

Board Chair Johnston said that he wasn't sure adding the contingency was in line with the agenda item and action. He indicated concern that the Brown Act may be violated as the contingency was not an agenda Board action. Board members Kingsley and Griffiths disagreed.

Staff noted that using the money in the OVPA was already indicated in the Stipulated Order for Abatement, however, APCO Kiddoo also recognized why it may be important for historical purposes to add the contingency.

Board member Stump asked if having the contingency would likely bring about any concerns for staff in regards to spending the money. To which APCO Kiddoo replied that there are no concerns due to the fact that the Keeler Dunes are the District's liability and that the money will be spent accordingly.

Board member Rawson proposed a third motion specifying where the money would be allocated. The other Board members indicated that the allocation was already specified in the staff recommendation at which time Board member Rawson rescinded her motion.

The proposed motions and their outcomes are as follows:

Motion #1 (Hames/Rawson) approving the transfer of funds from NOV #461 in the amount of \$1,199,707 (one million one hundred ninety-nine thousand seven hundred and seven dollars), comprised of \$1,019,751 (85%) from the Owens Lake Excess Air Pollution Offset Fund Clean Air Projects budget and \$179,956 (15%) from the District's regular budget, to the Keeler Dunes Dust Control Project budget

Motion #2 (Kingsley/Griffiths) approving the transfer of funds from NOV #461 in the amount of \$1,199,707 (one million one hundred ninety-nine thousand seven hundred and seven dollars), comprised of \$1,019,751 (85%) from the Owens Lake

Excess Air Pollution Offset Fund Clean Air Projects budget and \$179,956 (15%) from the District's regular budget, to the Keeler Dunes Dust Control Project budget. Also the Board added that any funds not expended on the Keeler Dunes Dust Control Project revert back to the Clean Air Projects budget to be used within the Owens Valley Planning Area.

Ayes: Wentworth, Rawson, Kingsley, Griffiths

Noes: Johnston, Stump, Hames

Abstain: 0

Absent: 0

Motion carried 4/3 and so ordered.

B/O 161110-05

(Board Chair Johnston noted that Motion #1 was negated by the secondary motion vote)

Motion #3 (Rawson/Hames) approving the transfer of funds from NOV #461 in the amount of \$1,199,707 (one million one hundred ninety-nine thousand seven hundred and seven dollars), comprised of \$1,019,751 (85%) from the Owens Lake Excess Air Pollution Offset Fund Clean Air Projects budget and \$179,956 (15%) from the District's regular budget, and allocating up to \$1,199,707 to the Keeler Dunes Dust Control Project budget.

(Motion #3 was rescinded by Board member Rawson)

Agenda Item #6
Informational Items
(No Action)

Board chair Johnston asked if any of the Board members had comments on the informational items. No comments were offered.

Agenda Item #7
Board Member
Reports
(No Action)

Board member Stump said that he would like to see a future agenda item regarding the 2014 Sustainable Groundwater Act.

Board member Kingsley agreed and noted that the process would be a difficult one for anyone in our area.

Board member Hames added that it would mostly affect the central valley.

Agenda Item #8
Air Pollution Control
Officer's Report
(No Action)

APCO Kiddoo noted that Board member Rawson would be retiring and that today would be her last District Board meeting. The Board and staff thanked her for her service. APCO Kiddoo announced that the position of Deputy Air Pollution Control Officer has been filled. With the retirement of Duane Ono, staff conducted interviews and the position was offered to Ms. Ann Piersall. Ms. Piersall has been employed with the District as an Air Monitoring Technician II for two years. An official deputizing ceremony will take place on January 3, 2017 at Owens Lake; the Board is welcome to attend.

Ms. Piersall indicated that she is looking forward to serving as DAPCO and continuing to work with staff and the Board.

Agenda Item #9
Confirm Date and
Location of Next
Regular Meeting
(January 12, 2017
in Inyo County, CA)

Board Chair Johnston asked for public comment at 3:14 pm. No comment was offered.

The next regular meeting of the District Governing Board will convene at 10:00 am on November 10, 2016 in Mammoth Lakes, California. The District's Clerk of the Board will find and reserve a handicap accessible meeting room and contact the District Board members as to its location.

Agenda Item #10
CLOSED SESSION

Board Chair Johnston convened the Board into closed session at 3:14 pm.

CLOSED SESSION - The Board will recess into closed session for a conference call with legal counsel regarding existing litigation in the following matters:

- a. Russell Covington; Robert Moore; Randy Sipes; Randal Sipes, Jr.; Laborers' International Union of North America Local Union No. 783 vs. Great Basin Unified Air Pollution Control District; Mono County Superior Court, Case No. CV140075; pursuant to subdivision (a) of Section 54956.9 of the California Government Code.
- b. Mammoth Community Water District vs. Great Basin Unified Air Pollution Control District; Mono County Superior Court, Case No. CV140076; pursuant to subdivision (a) of Section 54956.9 of the California Government Code.

The Board reconvened into open session at 3:26 pm with nothing to report.

Adjournment

The meeting was adjourned by Board Chair Johnston at 3:26 pm. The Board will reconvene in open session at 10:00 am, on Wednesday, January 12, 2017 in Inyo County, California.

Larry Johnston, Board Chair

Attest:

Tori DeHaven, Board Clerk



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537
Tel: 760-872-8211 Fax: 760-872-6109

BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Susan Cash, Administrative Projects Manager

Subject: Adoption of Publicly Available Pay Schedules

Summary:

The Governing Board has approved salary ranges for each District position represented in the District's two employee associations through the approval of the respective Memoranda of Understanding. The Air Pollution Control Officer's salary, and in one instance the Deputy Air Pollution Control Officer's salary, have been approved via individualized contracts with those employees. In addition, throughout the past five years, positions have been created or eliminated either through the budgeting process or as individual agenda items.

In order to meet the California Public Employees' Retirement System (CalPERS) requirements set forth in Government Code § 20636 (b)(1) and California Code of Regulations (CCR) § 570.5, the Governing Board must approve a comprehensive pay schedule for all District positions - including appointed positions - independent from the salary schedules attached to the Memoranda of Understanding or included in Employment Agreements or Personal Services Contracts. The attached pay schedules detail what the Governing Board has already approved since the CalPERS requirement for one inclusive document became effective on August 10, 2011. These pay schedules simply put the information in a format that is acceptable to CalPERS.

Board Action:

Staff recommends that the Governing Board approve the attached salary schedules reflecting all District positions and associated salaries in order to meet the California Public Employees' Retirement System (CalPERS) requirements of Government Code § 20636 (b)(1) and CCR § 570.5.

Consent - Adoption of Publicly Available Pay Schedules for
Fiscal Year 2011-2012 through Fiscal Year 2018-2019 (Action)
March 9, 2017 – Agenda Item No. 6b – Page 1

GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

Publicly Available Pay Schedule (CCR 570.5)

Fiscal Year 2011 - 2012

<u>Position</u>	<u>Monthly</u>	
	<u>Salary Rate</u>	
	<u>Low</u>	<u>High</u>
Air Pollution Control Officer	11,304	
Deputy Air Pollution Control Officer	7,791	9,470
Director of Technical Services	6,385	7,761
Administrative Projects Manager	6,198	7,533
Sr. Research & Systems Analyst	6,198	7,533
Environmental Compliance Manager	6,075	7,385
Air Monitoring Specialist	5,956	7,239
Air Quality Specialist II	5,781	7,026
Playa Geologist	5,781	7,026
Research & System Analyst II	5,285	6,424
Fiscal Services Specialist	5,079	6,174
Air Monitoring Technical Specialist	4,979	6,052
Air Quality Specialist I	4,979	6,052
Air Monitoring Technician II	4,553	5,534
Field Services Technician II	4,553	5,534
Research & System Analyst I	4,553	5,534
Administrative Specialist/Permit Coordinator/Clerk of the Board	4,332	5,265
Fiscal Services Technician	4,332	5,265
Field Services Technician I	4,121	5,010
Air Monitoring Technician I	3,961	4,814

Revised 05/16/2011, Adopted in this format retroactively 03/09/2017

Consent - Adoption of Publicly Available Pay Schedules for
Fiscal Year 2011-2012 through Fiscal Year 2018-2019 (Action)
March 9, 2017 – Agenda Item No. 6b – Page 2

GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

Publicly Available Pay Schedule (CCR 570.5)

Fiscal Year 2012 - 2013

<u>Position</u>	<u>Monthly</u> <u>Salary Rate</u>	
	<u>Low</u>	<u>High</u>
Air Pollution Control Officer	11,417	
Deputy Air Pollution Control Officer	7,869	9,565
Director of Technical Services	6,449	7,839
Administrative Projects Manager	6,260	7,609
Sr. Research & Systems Analyst	6,260	7,609
Environmental Compliance Manager	6,136	7,459
Air Monitoring Specialist	6,015	7,312
Air Quality Specialist II	5,838	7,097
Playa Geologist	5,838	7,097
Research & System Analyst II	5,338	6,489
Fiscal Services Specialist	5,130	6,236
Air Monitoring Technical Specialist	5,029	6,113
Air Quality Specialist I	5,029	6,113
Air Monitoring Technician II	4,598	5,589
Field Services Technician II	4,598	5,589
Research & System Analyst I	4,598	5,589
Administrative Specialist/Permit Coordinator/Clerk of the Board	4,375	5,318
Fiscal Services Technician	4,375	5,318
Field Services Technician I	4,163	5,060
Air Monitoring Technician I	4,000	4,862

Revised 05/16/2011, adopted in this format retroactively 03/09/2017

Consent - Adoption of Publicly Available Pay Schedules for
Fiscal Year 2011-2012 through Fiscal Year 2018-2019 (Action)
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GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

Publicly Available Pay Schedule (CCR 570.5)

Fiscal Year 2013 - 2014

<u>Position</u>	<u>Monthly Salary Rate</u>	
	<u>Low</u>	<u>High</u>
Air Pollution Control Officer	11,531	
Deputy Air Pollution Control Officer	7,948	9,661
Director of Technical Services	6,514	7,917
Administrative Projects Manager	6,322	7,685
Sr. Research & Systems Analyst	6,322	7,685
Environmental Compliance Manager	6,198	7,533
Air Monitoring Specialist	6,075	7,385
Air Quality Specialist II	5,897	7,168
Playa Geologist	5,897	7,168
Research & System Analyst II	5,392	6,554
Fiscal Services Specialist	5,181	6,298
Air Monitoring Technical Specialist	5,079	6,174
Air Quality Specialist I	5,079	6,174
Air Monitoring Technician II	4,644	5,645
Field Services Technician II	4,644	5,645
Research & System Analyst I	4,644	5,645
Administrative Specialist/Permit Coordinator/Clerk of the Board	4,419	5,371
Fiscal Services Technician	4,419	5,371
Field Services Technician I	4,204	5,110
Air Monitoring Technician I	4,040	4,911

Revised 05/16/2013, adopted in this format retroactively 03/09/2017

Consent - Adoption of Publicly Available Pay Schedules for
Fiscal Year 2011-2012 through Fiscal Year 2018-2019 (Action)
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GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

Publicly Available Pay Schedule (CCR 570.5)

Fiscal Year 2014 - 2015

<u>Position</u>	<u>Monthly</u> <u>Salary Rate</u>	
	<u>Low</u>	<u>High</u>
Air Pollution Control Officer through 12/31/14	11,646	
Air Pollution Control Officer through 4/8/15 through 6/30/15	10,245	
Deputy Air Pollution Control Officer	8,027	9,757
Director of Technical Services	6,579	7,997
Administrative Projects Manager	6,385	7,761
Sr. Research & Systems Analyst	6,385	7,761
Environmental Compliance Manager	6,260	7,609
Senior Scientist	6,260	7,609
Air Monitoring Specialist	6,136	7,459
Air Quality Specialist II	5,956	7,239
Research & System Analyst II	5,446	6,619
Air Monitoring Technical Specialist	5,130	6,236
Air Quality Specialist I	5,130	6,236
Air Monitoring Technician II	4,691	5,701
Field Services Technician II	4,691	5,701
Research & System Analyst I	4,691	5,701
Administrative Specialist/Permit Coordinator/Clerk of the Board	4,691	5,701
Fiscal Services Technician	4,691	5,701
Field Services Technician I	4,246	5,161
Air Monitoring Technician I	4,081	4,960

Revised 05/20/2014, adopted in this format retroactively 03/09/2017

Consent - Adoption of Publicly Available Pay Schedules for
Fiscal Year 2011-2012 through Fiscal Year 2018-2019 (Action)
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GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

Publicly Available Pay Schedule (CCR 570.5)

Fiscal Year 2015 - 2016

<u>Position</u>	<u>Monthly</u> <u>Salary Rate</u>	
	<u>Low</u>	<u>High</u>
Air Pollution Control Officer through 5/15/16	10,245	
Air Pollution Control Officer 5/16/16-6/30/16	11,269	
Deputy Air Pollution Control Officer	10,788	
Director of Technical Services	6,645	8,077
Administrative Projects Manager	6,449	7,839
Sr. Research & Systems Analyst	6,449	7,839
Environmental Compliance Manager	6,322	7,685
Senior Scientist	6,322	7,685
Air Monitoring Specialist	6,198	7,533
Air Quality Specialist II	6,015	7,312
Research & System Analyst II	5,500	6,685
Air Monitoring Technical Specialist	5,181	6,298
Air Quality Specialist I	5,181	6,298
Air Monitoring Technician II	4,737	5,758
Field Services Technician II	4,737	5,758
Research & System Analyst I	4,737	5,758
Administrative Specialist/Permit Coordinator/Clerk of the Board	4,737	5,758
Fiscal Services Technician	4,737	5,758
Field Services Technician I	4,289	5,213
Air Monitoring Technician I	4,121	5,010

Revised 05/20/2014, adopted in this format retroactively 03/09/2017

Consent - Adoption of Publicly Available Pay Schedules for
Fiscal Year 2011-2012 through Fiscal Year 2018-2019 (Action)
March 9, 2017 – Agenda Item No. 6b – Page 6

GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

Publicly Available Pay Schedule (CCR 570.5)

Fiscal Year 2016 - 2017

<u>Position</u>	<u>Monthly</u>	
	<u>Salary Rate</u>	
	Low	High
Air Pollution Control Officer	11,551	
Deputy Air Pollution Control Officer through 12/31/16	10,788	
Deputy Air Pollution Control Officer through 1/1/17-6/30/17	8,310	10,101
Director of Technical Services	6,811	8,279
Administrative Projects Manager	6,610	8,035
Sr. Research & Systems Analyst	6,610	8,035
Environmental Compliance Manager	6,480	7,877
Senior Scientist	6,480	7,877
Air Monitoring Specialist	6,353	7,722
Air Quality Specialist II	6,166	7,494
Research & System Analyst II	5,638	6,852
Air Monitoring Technical Specialist	5,311	6,455
Air Quality Specialist I	5,311	6,455
Technical Services Specialist	5,311	6,455
Air Monitoring Technician II	4,856	5,902
Field Services Technician II	4,856	5,902
Research & System Analyst I	4,856	5,902
Administrative Specialist/Permit Coordinator/Clerk of the Board	4,856	5,902
Fiscal Services Technician	4,856	5,902
Field Services Technician I	4,396	5,343
Air Monitoring Technician I	4,228	5,135

Revised 09/14/2016, adopted in this format retroactively 03/09/2017

Consent - Adoption of Publicly Available Pay Schedules for
Fiscal Year 2011-2012 through Fiscal Year 2018-2019 (Action)
March 9, 2017 – Agenda Item No. 6b – Page 7

GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

Publicly Available Pay Schedule (CCR 570.5)

Fiscal Year 2017 - 2018

<u>Position</u>	<u>Monthly Salary Rate</u>	
	<u>Low</u>	<u>High</u>
Air Pollution Control Officer	11,840	
Deputy Air Pollution Control Officer	8,518	10,354
Director of Technical Services	6,981	8,485
Administrative Projects Manager	6,776	7,844
Sr. Research & Systems Analyst	6,776	7,844
Environmental Compliance Manager	6,642	8,074
Senior Scientist	6,642	8,074
Air Monitoring Specialist	6,511	7,915
Air Quality Specialist II	6,320	7,682
Research & System Analyst II	5,778	7,024
Air Monitoring Technical Specialist	5,444	6,617
Air Quality Specialist I	5,444	6,617
Technical Services Specialist	5,444	6,617
Air Monitoring Technician II	4,977	6,050
Field Services Technician II	4,977	6,050
Research & System Analyst I	4,977	6,050
Administrative Specialist/Permit Coordinator/Clerk of the Board	4,977	6,050
Fiscal Services Technician	4,977	6,050
Field Services Technician I	4,506	5,477
Air Monitoring Technician I	4,330	5,263

Revised 09/14/2016, adopted in this format 03/09/2017

Consent - Adoption of Publicly Available Pay Schedules for
Fiscal Year 2011-2012 through Fiscal Year 2018-2019 (Action)
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GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

Publicly Available Pay Schedule (CCR 570.5)

Fiscal Year 2018 - 2019

<u>Position</u>	<u>Monthly</u>	
	<u>Salary Rate</u>	
	<u>Low</u>	<u>High</u>
Air Pollution Control Officer	12,135	
Deputy Air Pollution Control Officer	8,731	10,613
Director of Technical Services	7,156	8,698
Administrative Projects Manager	6,945	8,442
Sr. Research & Systems Analyst	6,945	8,442
Environmental Compliance Manager	6,808	8,275
Senior Scientist	6,808	8,275
Air Monitoring Specialist	6,674	8,112
Air Quality Specialist II	6,478	7,874
Research & System Analyst II	5,923	7,199
Air Monitoring Technical Specialist	5,580	6,782
Air Quality Specialist I	5,580	6,782
Technical Services Specialist	5,580	6,782
Air Monitoring Technician II	5,102	6,201
Field Services Technician II	5,102	6,201
Research & System Analyst I	5,102	6,201
Administrative Specialist/Permit Coordinator/Clerk of the Board	5,102	6,201
Fiscal Services Technician	5,102	6,201
Field Services Technician I	4,619	5,614
Air Monitoring Technician I	4,438	5,395

Revised 09/14/2016, adopted in this format 03/09/2017

Consent - Adoption of Publicly Available Pay Schedules for
Fiscal Year 2011-2012 through Fiscal Year 2018-2019 (Action)
March 9, 2017 – Agenda Item No. 6b – Page 9



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537

Tel: 760-872-8211

BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Phillip L. Kiddoo, Air Pollution Control Officer

Subject: Time Extension for Inyo County Environmental Public Benefit Fund

Background:

In February 2014, the District and the Los Angeles Department of Water and Power settled a lawsuit brought by the District against LADWP for failure to pay ordered fees on time. One of the conditions of the settlement was that the LADWP would make an “environmental public benefit payment” in the amount of \$1,350,000 to the District. The payment was received on time and at the Board’s May 5, 2014 meeting, the Board divided the money between the District’s four member agencies and five public community or utility service districts (PUD) in the Owens Lake area.

Discussion:

The District received a request from Kevin Carunchio, Inyo County Administrator, for a time extension for expenditure of the original distributed EPB funds. Specifically, Inyo County is requesting an extension of time to expend funds until December 2017 for the Big Pine Veterans Trail Project. Should this project not go forward, Inyo County has previously requested reallocation of the monies for heating, ventilation and air conditioning (HVAC) that was approved by the Governing Board on April 14, 2016 at our regular meeting in Keeler, California.

Board Action:

Staff recommends the Board approve a time extension until December 2017 for Inyo County Environmental Public Benefit expenditure.



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BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Phillip L. Kiddoo, Air Pollution Control Officer
Susan Cash, Administrative Projects Manager

Subject: Consideration of waiver of Rule 1102 annual town and counties per capita assessment for fiscal year 2017-2018

Summary:

Section 40701.5 of the Health and Safety Code provides for expenses of an air pollution control district to be met by, among other things, an annual per capita assessment on the counties and cities that make up a district. District Rule 1102 provides for each of the District's three counties and the Town of Mammoth Lakes to help fund District programs by paying \$0.55 per capita annually. Based on the latest U.S. Census Bureau population estimates (2010), the annual assessment amounts would be \$646 for Alpine County, \$10,200 for Inyo County, \$3,282 for Mono County and \$4,529 for the Town of Mammoth Lakes (see summary below). Since 1992, the District Board has suspended the collection of these contributions. The decision to waive the contributions for a given fiscal year is made on an annual basis. The waiver decision must be made by the Governing Board and should occur before the budget is finalized.

<u>Member Agency</u>	<u>2010 pop</u>	<u>@ \$0.55 ea.</u>
Alpine Co.	1,175	\$ 646
Inyo Co.	18,546	10,200
Mono Co.	5,968	3,282
Mammoth Lakes	<u>8,234</u>	<u>4,529</u>
Totals	33,923	\$18,657

Fiscal Impact:

Approving the waiver would reduce District revenues in FY 2017-18 by \$18,657, however, it is not expected to have a significant impact on the District budget. The District general fund (non-SB270) reserve amount as of January 31, 2017 is \$832,274. The estimated 2017-18 annual budget for District operations (non-SB270) is \$698,800. Waiver of the capita fee is assumed in the forecasted District revenue in FY 2017-18.

Because District reserves are currently more than 20% of the annual operating budget, the District reserve policy dictates that we suspend annual CPI adjustments to the permit fee schedule until reserves drop below 20%. Since the District reserve is currently above the 20% threshold, waiving the per capita fee is consistent with the intent of the reserve policy.

Board Action:

Staff recommends that the Board waive the Rule 1102 annual per capita fee for the 2017-2018 fiscal year.



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BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Ann Piersall, Deputy Air Pollution Control Officer

Subject: Approve 2017 District rule adoption/revision schedule as required by California Health and Safety Code section 40923

Summary:

The District is required to prepare a list of regulatory measures scheduled or tentatively scheduled for consideration during the year (California Health & Safety Code §40923). At this time, there are no scheduled or tentatively scheduled regulatory measures for consideration in 2017.

Board Action:

Staff recommends the Governing Board approve and authorize the APCO to take any necessary action to implement such rule adoptions or revisions if any unforeseen regulatory measures are required.



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BOARD REPORT

Mtg. Date: March 9, 2017

Date Prepared: December 21, 2016

To: District Governing Board

From: Christopher Lanane, Air Monitoring Specialist

Subject: Approve Purchase of Air Pollution Monitoring Equipment Maintenance Items from Thermo Environmental, A Sole-Source Provider, for \$25,000, using funds from Fiscal Year 2016-17 Budget for Maintenance and Repair of Equipment – Materials (Budget Category II.I.1)

Summary:

Currently, the District has twenty (20) Model 1400 tapered-element oscillating microbalances (TEOMs) in operation. These are particulate matter monitors and are the backbone of the District's air quality monitoring program. There are several major maintenance items and replacement components needed for these monitors. Table 1, presented below, lists the items needed and the cost associated with them. Six of the District's units are in need of drier replacement, which is recommended annually by the manufacturer. Other items needed include chiller and conditioning assemblies, switching valve assemblies and other replacement parts. These components listed for purchase will become more difficult to procure in the future, as the manufacturer will be discontinuing support for the older generation Model 1400 TEOMs in 2020. Having the major replacement components on-hand is essential to maintaining the full operation of that network. The newer version of the TEOM, Model 1405, has been found to have some problems with comparability to the older Model 1400 version. Until the District finds a suitable replacement monitor, the District will be relying on the older model 1400 TEOMs for continuous particulate monitoring in the network. All items will be purchased from Thermo Environmental, a District sole-source provider of particulate monitors and support equipment.

Financial Justification:

Funds have been allocated in the SB270 (\$35,000) and District (\$3,500) budgets to cover the cost of the major replacement components.

Consent – Approve Purchase of TEOM Maintenance Items from
Thermo Scientific, a Sole-Source Provider, for \$25,000 (Action)
March 9, 2017– Agenda Item No. 6f – Page 1

Fiscal Impact:

The cost of the major replacement components for the particulate monitors is estimated to be \$25,000: \$22,500 from the SB270 budget and \$2,500 from the District budget.

Board Action:

Staff recommends the Governing Board authorize the APCO to approve purchase orders for the procurement of major replacement components for the TEOM monitors used throughout the District for \$25,000.

		Table 1.		
		TEOM Maintenance Items		
Item Number	Quantity	Description	Unit Price	Order Price
1	6	FDMS/TEOM Nafion Drier	\$ 1,700	\$ 10,200
2	4	Chiller/conditioner assembly	\$ 1,000	\$ 4,000
3	3	Switching Valve Assembly	\$ 1,400	\$ 4,200
9	1	Additional Replacement Parts, Supplies	\$ 3,500	\$ 3,500
			Subtotal	\$ 21,900
			Shipping Est.	\$ 600
			Tax, 8.00%	\$ 1,752
			Est. Total	\$ 24,252

Consent – Approve Purchase of TEOM Maintenance Items from
 Thermo Scientific, a Sole-Source Provider, for \$25,000 (Action)
 March 9, 2017– Agenda Item No. 6f – Page 2



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

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BOARD REPORT

Mtg. Date: March 9, 2017

Date Prepared: December 21, 2016

To: District Governing Board

From: Christopher Lanane

Subject: Approval of Purchase of Model T640 PM_{2.5}/PM₁₀ Monitor and Associated Equipment for District PM Monitor Intercomparison Study from Teledyne-API for \$42,000

Summary:

An ongoing search for and intercomparison of particulate matter (PM) monitors, conducted by the District, has been in progress for the past two years as the District seeks a potential replacement PM monitor for the District's twenty (20) Thermo TEOMs. The TEOM monitors in the District's network will no longer be supported by the manufacturer after December 31, 2020.

The Teledyne-API Model 640 PM₁₀/PM_{2.5} Particle Monitoring System is currently certified for the continuous collection of PM_{2.5} and PM₁₀ concentrations. Staff has had one of these systems on loan from the manufacturer for the past two months for the intercomparison study, has analyzed data from this system, and found that the measurements appear to be good, in comparison with other continuous PM monitors. Procuring one of these instruments for the continuation of the intercomparison study will allow District staff to determine whether the T640 will be a reasonable successor to the District's TEOM monitors. Procurement of one of these monitors will also allow the District to both comply with the obligation to EPA to operate PM₁₀/PM_{2.5} continuous monitors and to concurrently fully evaluate the monitor.

Based on the information above, staff recommends the Board authorize the procurement of a Teledyne-API Model 640 PM₁₀/PM_{2.5} Particle Measurement System and associated equipment for approximately \$42,000, from Clipper Controls, the Teledyne-API exclusive vendor for our region.

Financial Justification:

Funds have been allocated in the SB270 (\$37,000) and District (\$5,000) capital asset reserve account for the procurement of replacement PM Monitors.

Consent – Approve Purchase of Teledyne-API Model T640 PM₁₀/PM_{2.5} for \$42,000 (Action)
March 9, 2017– Agenda Item No. 6g – Page 1

Fiscal Impact:

The SB270 Capital Asset Reserve account currently has approximately \$154,000 available for equipment. There is approximately \$19,000 available in the District Capital Asset Reserve account.

Board Action:

Staff recommends the Board authorize the APCO to approve purchase orders for the procurement of one (1) Teledyne-API Model 640 PM₁₀/PM_{2.5} Particle Measurement System and associated equipment from Clipper Controls for \$42,000. Funds will be taken from the SB270 (\$37,000) the District (\$5,000) Capital Asset Reserve accounts for the purchase.

Consent – Approve Purchase of Teledyne-API Model T640 PM₁₀/PM_{2.5} for \$42,000 (Action)
March 9, 2017– Agenda Item No. 6g – Page 2



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537
Tel: 760-872-8211 Fax: 760-872-6109

BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Nik Barbieri, Director of Technical Services

Subject: Consideration to Re-Establish the Technical Services Specialist Position

Summary:

The Director of Technical Services is proposing to recreate the Technical Services Specialist position in the Keeler office.

In 2011, the Keeler office staffing was restructured to meet its needs at the time. This restructuring included making two contract positions permanent and eliminating the vacant Technical Services Specialist position. At the time the restructuring adequately addressed all of the demands of the Keeler field office because the majority of the Technical Services Specialist position duties were absorbed by the Director of Technical Services. With the 2014 Stipulated Judgment, the 2016 State Implementation Plan (SIP), and Rule 433 it has become clear that the Technical Services Specialist position is needed in the Keeler field office.

Since the 2014 Stipulated Judgment and the 2016 SIP, Keeler field office staff has changed focus and shifted priorities. Prior to the 2014 Stipulated Judgment the majority of staff time was spent monitoring, documenting and collecting data on the lakebed to identify emissive areas impacting air quality. While these same activities and associated workloads continue, additional monitoring requirements for compliance determination have expanded job duties and responsibilities of the Keeler staff. When the Technical Services Specialist position was eliminated in 2011, it was unforeseen that Tillage with Best Available Control Methods (BACM) Backup and Brine with BACM Backup would be implemented at Owens Lake. The 2016 SIP that was approved and adopted last April detailed additional requirements for monitoring and compliance determination and now the required staff time necessary to fulfill these needs are realized. Re-establishing the Technical Services Specialist position will allow District staff to successfully accomplish these tasks and fulfill the District's obligations. The Technical Services Specialist will also assist with staff direction, work planning, permit applications, and attending various District meetings.

Consent – Approve to Re-establish the Technical Services Specialist Position in the Keeler Field Office (Action)
March 9, 2017 – Agenda Item No. 6h – Page 1

Fiscal Impact:

The funding for the remaining portion of the 2016-2017 for the Technical Services Specialist position would come from money that was allocated for the Field Services Technician contract position that was left vacant in September 2016. Approximately \$85,000 remains from that contract position. The Technical Services Specialist will cost approximately \$32,000 to fill from April through June of this fiscal year, and the ongoing full-year cost is already incorporated into the proposed budget for Fiscal Year 2017-18.

1. Technical Services Specialist – Proposed

Current: Grade 47 - \$5,311 (Step A) to \$6,455 (Step E) per month.

Board Action:

Staff recommends that the Governing Board approve the proposed Technical Services Specialist position and job description.

Attachment:

Job Description: Technical Services Specialist

Consent – Approve to Re-establish the Technical Services Specialist Position in the Keeler Field Office (Action)
March 9, 2017 – Agenda Item No. 6h – Page 2

GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

Technical Services Specialist

Summary

Under general direction, oversees field staff on the collection of data from the Districts field sites (Sensit, met, camera, air quality etc.) located on the Owens playa and surrounding areas, as well as preforms compliance checks as need, and performs other related duties as required.

Primary Duties

(The following is used as a partial description and is not restrictive to duties required)

Assists the Director of Technical Services in the organization, completion, analysis and presentation of projects; writes descriptive technical reports; uses computer software such as Microsoft Office, FileMaker, Excel, and ArcMap; prepares graphics for presentations; assists with video analysis to determine source areas.

Provides technical guidance and oversight to field technicians and contractors in the installation, operation, maintenance, and repair of scientific instrumentation such as sand flux, meteorological, data logging, computer and video equipment used to identify sources of dust on Owens Lake and the surrounding area that contribute to pollution concentrations recorded at air monitoring stations around the lake; assists the Director with instrument design and purchasing of equipment.

Assists the Director of Technical Services with monitoring compliance on the Owens playa, including inspection of Dust Control Areas (DCAs), including flying Unmanned Aerial Vehicles (UAVs) to collect Induced Particle Emissions Test (IPET) data, aerial imagery and reviewing reports and various compliance calls, observing compliance areas and writing reports. Assist with obtaining and maintaining required permits with various land owners pertaining to the Districts monitoring sites (camera, air monitoring, and sand motion).

Marginal Duties

Assists Air Monitoring and Field Service Technicians in the installation, operation and maintenance of sand motion and air monitoring stations located on and around the Owens and Mono playas.

Employment Specifications

Knowledge of:

Principles, theory, and practices of scientific fieldwork and use of instrumentation to obtain defendable data; GPS surveying techniques; local geological structures; safe work practices; project management, and basic GIS system operations.

Revised February 2017

Ability to:

Organize and implement a field instrument plan; prioritize and schedule work assignments to complete duties in a timely manner; analyze, diagnose, and solve technical instrument problems with no supervision; train others in the operation and maintenance of monitoring equipment and instrumentation; operate ATVs and off road vehicles in a safe manner under extreme mud and sand conditions; establish and maintain effective working relationships with staff, vendors, and contractors.

Skill in:

Operation of ATVs, off road vehicles and small UAVs; troubleshooting and repair of equipment and instrumentation; operation of video software and equipment.

Education and Experience:

Completion of a bachelor's degree from an accredited college or university in a physical science or engineering and two years of field experience in a scientific position; or completion of an associate degree in science or engineering and five years field experience in the operation or oversight of a scientific field project involving the installation, operation, and maintenance of field instrumentation, or any combination of education and experience that provides the required knowledge, skills, and abilities.

Physical Demands:

Involves physical work such as bending, stooping, squatting, twisting, reaching, working on irregular surfaces, and lifting, pushing, or pulling of objects up to 20 pounds on a constant basis and up to 50 pounds on an occasional basis; strength and endurance to perform shoveling, jacking, and lifting to free stuck vehicles on an occasional basis; strength, endurance, and coordination to walk through water and mud for distances of several hundred yards from ankle to knee depth on a frequent basis.

Special Requirements:

A valid California driver's license for equipment to be operated. Must be capable of wearing a full face respirator and working for short periods (5 to 30 minutes) within Owens Lake dust plumes to travel to a clear dust free area.

Working Conditions

Exposure to extreme conditions such as: heat, cold, wind, dust, rain, snow, and mud on an occasional basis.



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537

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BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Grace A. McCarley Holder, Senior Scientist

Subject: Approve contract with University of Southampton, England, for professional services by Dr. Joanna M. Nield for work on Brine BACM for an amount not to exceed \$20,000 (Action)

Summary:

The use of brine for dust control on Owens Lake was approved as part of the 2016 State Implementation Plan (SIP), Board Order #160413-01 (BO160413-01), and Rule 433 in April 2016. The new measure is called Brine with Best Available Control Measure (BACM) Backup (termed Brine BACM for short) and is a modification of Shallow Flooding BACM that allows for dust control using a mix of two different types of salt crust as well as with standing water. Brine BACM has specific surface cover requirements with the overall mix of compliant surfaces required to meet or exceed that required for Shallow Flooding (e.g. 75% total surface cover for areas requiring 99% dust control reduction).

The two types of salt crust that are allowed to replace water surface cover are termed evaporite and capillary with the distinction between the two based on their method of formation. The two crust types are required to have a minimum average thickness of 1.5 centimeters (cm) for evaporite crust and 10.0 cm for capillary crust. Evaporite crust forms by direct precipitation of salt minerals on the ground surface from evaporation of high salinity water and forms a strong crust in which the salt minerals are interlocking. Capillary crust forms by evaporation of salts in the soil profile through upward capillary movement of high salinity groundwater water toward the surface. Capillary crust incorporates a high proportion of soil particles within the crust and generally has a weaker granular structure and thus is required to be thicker.

Brine BACM never went through the rigorous BACM development testing that is defined in the 2016 SIP and BO#160413-01. Instead, the surface cover and crust thickness requirements for Brine BACM were modeled after the Owens Lake brine pond as well as a multi-year small scale test that was conducted in a few of the dust control areas. The District made a commitment in the 2016 SIP and BO160413-01 to review the performance criteria for Brine BACM to determine if refinements could be made based on data collected from the Brine BACM control areas over time. As part of that commitment, the District is working with the Los Angeles Department of

Water and Power (LADWP) in a focused Brine Workgroup. The main goals of the Brine Workgroup are to 1) investigate potential refinements to the performance criteria and 2) develop an alternative compliance evaluation method that can be, at least in part, conducted through remote sensing.

To date, there have been two surface cover compliance evaluations of the Brine BACM areas. The first compliance evaluation was conducted in April 2016 just after approval of the new control measure for large-scale use on Owens Lake. The second compliance evaluation was completed in October 2016 at the beginning of the current dust season. These two data sets are available for further analysis and have been provided to the LADWP as part of the cooperative work effort.

A work plan for spring 2017 is currently being developed for a focused investigation of specific Brine BACM areas in an effort to learn more about the Brine BACM areas and how they change over time. This is a particularly interesting time to be investigating the Brine BACM areas as they redevelop the brine surfaces after being wetted through direct precipitation and flooding over the past two months.

In late November and early December 2016, a team of three researchers led by Dr. Joanna Nield from the University of Southampton in England visited Owens Lake to research brine crusts within some of the Brine BACM areas. As part of that work, high resolution Terrestrial Laser Scanning (TLS) images were collected from several locations in the Brine BACM areas to research short term crust dynamics. Dr. Nield has conducted similar research on other playas throughout the world with salt chemistry similar to that found on Owens Lake and thus has expertise and experience that is useful for detailed research of the Brine BACM areas and understanding their changes over time.

District staff would like to work with Dr. Nield during the focused work planned for spring 2017 including have her travel to Owens Lake for 7 days in April to conduct additional high resolution TLS images and analysis of developing brine crusts. In particular, Dr. Nield's knowledge of crust growth and development could help with refinements to both the performance criteria as well as the surface cover compliance evaluation method.

Fiscal Impact:

Although the work was unanticipated during the preparation of the 2016-2017 SB270 Budget in March of 2016, the funds for the contract with the University of Southampton are available in the Professional and Special Services category (II.K) of the SB270 budget from monies remaining in the subcategory II.K.15 (Owens Lake Measurement and Enforcement: Satellite Imagery). To date, all of the \$40,000 budgeted in II.K.15 remains unencumbered. The reason that the entire II.K.15 budget is unspent is due to the wet conditions on the lake bed from the recent storms in December 2016 through February 2017 such that additional satellite imagery has not been needed so far. It is anticipated that no more than half of the budgeted amount (or \$20,000) will be needed through the end of the fiscal year leaving \$20,000 available for the work on Brine BACM. Executing the proposed contract with the University of Southampton for work with Dr. Nield will encumber \$20,000 of available money from the SB270 Budget category II.K.15 for the proposed work.

Consent - Approval of Contract with University of Southampton, England for Professional services by Dr. Joanna M. Nield for Work on Brine BADM for an Amount not to exceed \$20,000 (Action)
March 9, 2017 – Agenda Item No. 6i – Page 2

Board Action:

Staff recommends that the Board approve the contract with the University of Southampton, England for the consulting services of Dr. Joanna Nield for work on Brine BACM for an amount not to exceed \$20,000 and authorize the Board Chair or the Air Pollution Control Officer to execute the contract or other documents as needed.

Attachment:

Scope of Work and Schedule of Fees for contract.

ATTACHMENT A

**AGREEMENT BETWEEN
GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT
AND UNIVERSITY OF SOUTHAMPTON
FOR THE PROVISION OF CONSULTING SERVICES**

SCOPE OF WORK:

The work performed by the University of Southampton through this contract agreement will be coordinated through Grace Holder (Project Manager).

The work associated with this contract shall include professional services related to the Brine with BACM backup dust control measure on Owens Lake. The work associated with this contract includes measurement, investigation, and research on the spatial and temporal dynamics of crust change and development within the Brine BACM areas as well as work on the development of a potential method for remote sensing of the Brine BACM areas to determine surface cover compliance. It is anticipated that one round trip from University of Southampton to Owens Lake will be made by Dr. Nield and an assistant as part of this contract.

The sum to be paid under this contract shall not exceed \$20,000.

ATTACHMENT B

**AGREEMENT BETWEEN
GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT
AND UNIVERSITY OF SOUTHAMPTON
FOR THE PROVISION OF CONSULTING SERVICES**

SCHEDULE OF FEES:

Billing invoices shall be sent to the District approximately every month during the term of the contract along with a brief progress report on the work completed.

The schedule of fees for the work described in Attachment A is as follows:

Work Rate:

Dr. Nield (daily)	\$822.00
Dr. Nield (hourly)	\$118.00
Student Assistant (Bursary/week).....	\$455.00

Expenses:

Direct expenses (includes travel costs, equipment, instrument use etc.) Actual costs

Per Diem (provided in Attachment C)

Total Budget Fees and Expenses (including per diem) not to exceed \$20,000.

ATTACHMENT C

**AGREEMENT BETWEEN
GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT
AND UNIVERSITY OF SOUTHAMPTON
FOR THE PROVISION OF CONSULTING SERVICES**

SCHEDULE OF TRAVEL AND PER DIEM PAYMENT:

Contractor shall be reimbursed for all travel and per diem expenses in the same amount and to the same extent as District reimburses its permanent status employees for such expenses. At the current time, these rates are as follows:

Lodging: Actual cost, not to exceed \$125.00 per night unless approved by Grace Holder.

Meals: Breakfast: \$13.00/meal
Lunch: \$13.00/meal
Dinner: \$28.00/meal.

Tolls, parking fees, commercial air fare, car rental, gas etc.: Actual cost



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537

Tel: 760-872-8211

BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Tori DeHaven, Clerk of the Board

Subject: Consider appointing two people to the open positions on the District Hearing Board

Summary:

The District has three arms with different functions: the Governing Board, the Hearing Board and the Air Pollution Control Officer (APCO). The Governing Board (Board) is a legislative body that adopts the rules and regulations under which we operate. The Hearing Board is a quasi-judicial body that hears appeals from decisions of the APCO and grants temporary variances from District Rules and Regulations. The APCO is the official who enforces the rules and regulations passed by the Governing Board, and also parts of the State Health and Safety Code, Vehicle Code, and designated parts of the Federal Clean Air Act.

The five-member Hearing Board is appointed by the Governing Board as provided by California Health & Safety Code Section 40800. Hearing Board members serve three-year terms and ideally consists of a mix of members from all three District counties. Currently there are three members of the Hearing Board: Mr. Peter Pumphrey, Mr. William Richmond and Mr. Tom Sweeney. The Board Clerk has advertised for prospective Hearing Board members throughout the District's three counties a number of times. Recently, we received letters of interest from the following people: Mr. Larry Pruce of Inyo County and Ms. Karen Ferrell-Ingram of Inyo County.

Fiscal Impact:

Board members are paid a stipend of \$100 per meeting attended as well as mileage.

Board Action:

Staff recommends the Board consider and appoint Mr. Larry Pruce and Ms. Karen Ferrell-Ingram to the two existing vacancies on the District's five-member Hearing Board.

Attachment:

Letter of Interest from Mr. Larry Pruce, dated January 5, 2017

Letter of Interest from Ms. Karen Ferrell-Ingram, dated January 11, 2017

Consider Appointing Two People to the Vacant Positions on the
District Hearing Board
March 9, 2017 – Agenda Item No. 7 – Page 1

January 5, 2017

The Great Basin Unified Air Pollution Control District

Letter of Interest: Hearing Board Member

Attention: Tori DeHaven, Clerk

157 Short Street

Bishop, CA 93514



I would like to be considered for the position of Hearing Board Member. I have lived in Inyo County since 1975 and find myself current on most of the local environmental issues. I have worked in the local areas including the mining industry, the local agriculture industry (cattle), and recently retired from the Coso Geothermal Project. I would find the experience of working the local environmental issues a rewarding experience.

- Darwin, Arco and Anaconda Copper
- Cabin Bar Ranch
- Lacey Ranch
- Anchor Ranch
- Natural Aggregates (pumice mine)
- California Energy, operator and administrator

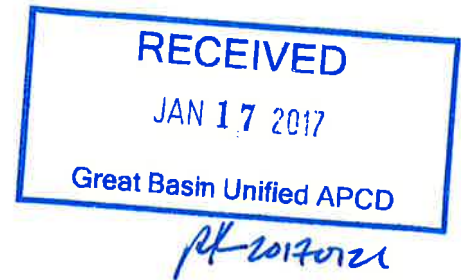
I also served on the Inyo County Grand Jury 2003-4.

Thank you for the opportunity.

Larry Pruce

760 377 7467

Tori DeHaven
Clerk of the Board
Great Basin Unified Air Pollution Control District
157 Short St.
Bishop, CA 93514



January 11, 2017

Dear Ms. DeHaven,

I am writing to express my interest in learning more about serving on the Hearing Board of the Great Basin Unified Air Pollution Control District. I have long appreciated and admired GBUAPCD's important work in improving and protecting the air quality found in the Eastern Sierra and would be honored to participate in that work. Having grown up in the Owens Valley, I have a deep love for the people, natural resources, and landscapes of this region. Maintaining healthy air quality is critical to the quality of life that residents and visitors rely upon, while it is also important to facilitate activities that maintain the infrastructure, respond to emergencies, and ensure public safety in our region.

My employment background is related to nonprofit management, land conservation, and natural landscape restoration. I have worked in the Eastern Sierra for the past 22 years and have a good working knowledge of the area, as well as the environmental and economic challenges facing this region. In a prior position, I enjoyed serving on the Owens Lake Master Plan Advisory Committee for about three years.

I would appreciate learning more about the requirements of the Hearing Board and about the educational courses that are available. To become an effective board member, there will be a lot to learn about the federal, state, and local legal frameworks.

Please let me know if I can provide further information about my background and qualifications. Thank you for your attention to my letter of interest.

Sincerely,

Karen Ferrell-Ingram
140 Willow Road
Swall Meadows, CA 93514
(760) 937-0620
easternsierra.kfi@gmail.com



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BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Ann Piersall, Deputy Air Pollution Control Officer
Tina Suarez-Murias, Air Pollution Specialist, California Air Resources Board

Subject: California Regional Haze Plan and Rule Revision Implications

Summary:

A Congressional amendment to the Clean Air Act in 1977 initiated the Regional Haze Program by declaring a national goal for “the prevention of any future, and the remedying of any existing, impairment of visibility in mandatory Class I Federal areas which impairment results from manmade air pollution”. That language has been implemented through federal regulations, which now require all states to prepare a State Implementation Plan every ten years to explain what is being done to improve visibility at selected federal parks, seashores, forests, refuges, monuments, and wilderness areas. There are 29 Class I Federal areas in California, some of which are fully or partially located within the Great Basin Air Pollution Control District boundaries.

Tina Suarez-Murias, an Air Pollution Specialist from the California Air Resources Board, will give an overview of the Regional Haze Program and an update on current activities at this board meeting. Her presentation will also cover the causes of haze, methods for tracking visibility improvement over time, issues specific to the western United States.

After several years of program review, the U.S. EPA published the Final Rule in the Federal Register on January 10, 2017. Ms. Suarez-Murias will review the rationale for the changes and will discuss progress made at Class 1 areas near District. U.S. EPA’s Fact Sheet on the rule is attached. For further information about California’s Regional Haze Plan, go to CARB’s website at <https://www.arb.ca.gov/planning/reghaze/reghaze.htm>

Attachment: EPA Final Regional Haze Rule Fact Sheet, December 14, 2016

Board Action:

None. Information only.

Protecting Visibility in National Parks and Scenic Areas

AMENDMENTS TO THE REGIONAL HAZE RULE

On December 14, 2016, the U.S. Environmental Protection Agency (EPA) finalized revisions to the Regional Haze Rule, which describes actions that states must take when submitting regional haze state implementation plans (SIPs) and progress reports. The regional haze program helps to protect clear views in national parks, such as Grand Canyon National Park, and wilderness areas, such as the Okefenokee National Wildlife Refuge. Vistas in these areas are often obscured by regional haze caused by emissions from numerous sources located over a wide geographic area. Over the past decade, the Regional Haze Rule has helped to reduce emissions of visibility-impairing pollutants by thousands of tons each year and improve visibility. Fewer emissions also mean improved public health for millions of Americans.

ACTION

- States are required to submit periodic plans demonstrating how they have and will continue to make progress towards achieving their visibility improvement goals. The first state plans were due in 2007 and covered the 2008-2018 first planning period. This revised rule addresses requirements for the second planning period.
- EPA is finalizing revisions to various requirements of the Regional Haze Rule that will streamline, strengthen, and clarify aspects of the agency's regional haze program including:
 - Strengthening the federal land manager (FLM) consultation requirements to ensure that any issues that arise are raised early on in the planning process, even before SIPs or progress reports are submitted.
 - Updating the SIP submittal deadlines for the second planning period from July 31, 2018 to July 31, 2021 to ensure that they align with the steps states are already taking to address other Clean Air Act actions.
 - The end date for the second planning period remains 2028. That is, the focus of state planning will be emission reduction measures that should be underway by 2028, as was required by the pre-existing rule.
 - This extension will allow states to consider planning for other federal programs including the Mercury and Air Toxics Standards, the 2010 1-hour SO₂ National Ambient Air Quality Standards (NAAQS), and the 2012 annual fine particle (PM_{2.5}) NAAQS while conducting their regional haze planning.
 - Adjusting interim progress report submission deadlines so that second and subsequent progress reports will be due by January 31, 2025, July 31, 2033, and every 10 years thereafter. This means that one progress report will be required mid-way through each planning period.
 - Removing the requirement for progress reports to take the form of SIP revisions. States will be required to consult with Federal Land Managers and obtain public comment on

their progress reports before submission to the EPA.

- These progress reports will be reviewed by the EPA, but the EPA will not formally approve or disapprove them.
- Additionally, EPA is finalizing clarifications to reflect the Agency's long-standing interpretations of the 1999 Regional Haze Rule, including:
 - Requirements that reasonable progress goals be set based on the long-term strategy.
 - Obligations of states with mandatory Class I areas and other states contributing to impairment at those areas.
 - Obligations on states setting reasonable progress goals that provide for a slower rate of progress than that needed to attain natural conditions by 2064.
- EPA consulted widely with, and considered many comments from, states, tribes, federal land managers, and other stakeholders in developing this final rule, which responds to many issues that have arisen throughout the first planning period. In addition, public hearings were held on May 19, 2016 in Washington, DC and on June 1, 2016 in Denver, Colorado.
- Together, these updates will ensure that haze-forming pollution continues to be reduced, while providing states and industry the time, tools, and flexibility they need to meet Clean Air Act requirements.

BACKGROUND

- Regional haze reduces visibility and is caused by the emission of air pollutants, primarily particle pollution, from numerous sources located over a wide geographic area. Fine particle pollution can also cause serious health problems including premature death.
- The Clean Air Act established a national visibility goal to prevent any future, and remedy any existing, visibility impairment in national parks and wilderness areas. "Impairment" specifically refers to human caused air pollution.
 - In 1980, the EPA finalized regulations to address Reasonably Attributable Visibility Impairment (RAVI). For the most part the regional haze program addresses the effects that a large and geographically dispersed set of sources has on visibility in downwind areas, where no single source can be identified as predominately responsible. Sometimes, however, visibility impairment can be attributed to a single source or small groups of sources, and this is what RAVI is designed to address.
 - In 1999, the EPA promulgated the Regional Haze Rule to address regional haze. The Regional Haze Rule calls for states to establish goals and emission reduction strategies for improving visibility in Federal Class I areas.
- Based on visibility data through 2014, considerable visibility improvements have been made in affected areas in the eastern United States and some western areas on the 20 percent haziest days – see Figures 1 and 2.

- The National Park Service estimates that emissions controls established under the first planning period led to approximately 500,000 tons/year of sulfur dioxide (SO₂) and 300,000 tons/year of oxides of nitrogen (NO_x) reductions.
- The improvements in visibility are a result of state and federal efforts to reduce particle pollution and the precursor pollutants that contribute to it, including the Regional Haze Rule.
- Eastern Class I areas have seen dramatic visibility improvements since 2000 due to emissions reductions required by the regional haze program and by other programs such as the Acid Rain Program and the Cross-state Air Pollution Rule. Visibility in western Class I areas is occasionally impacted by wildfires and dust storms which can mask visibility improvements due to anthropogenic emissions reductions.
- The EPA intends to provide additional guidance for states to use in developing their second planning period SIPs.

Figure 1. Average visibility conditions over the 2000-2004 baseline period on the 20% worst visibility days.

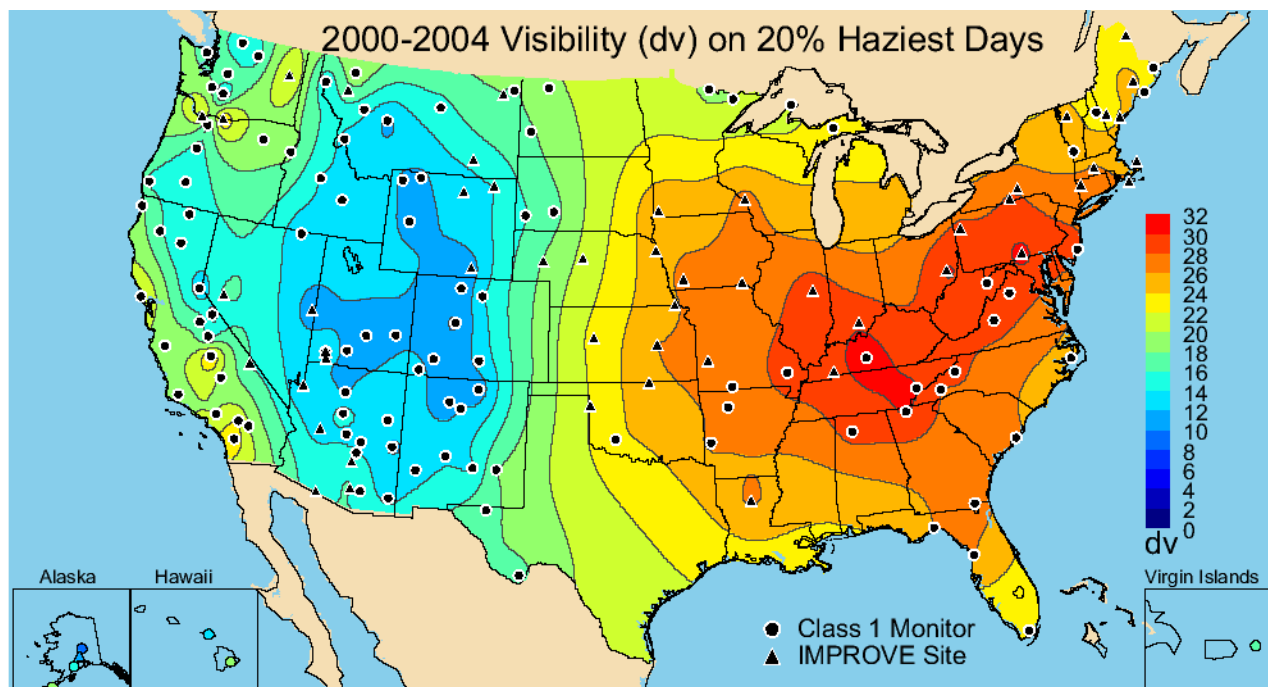
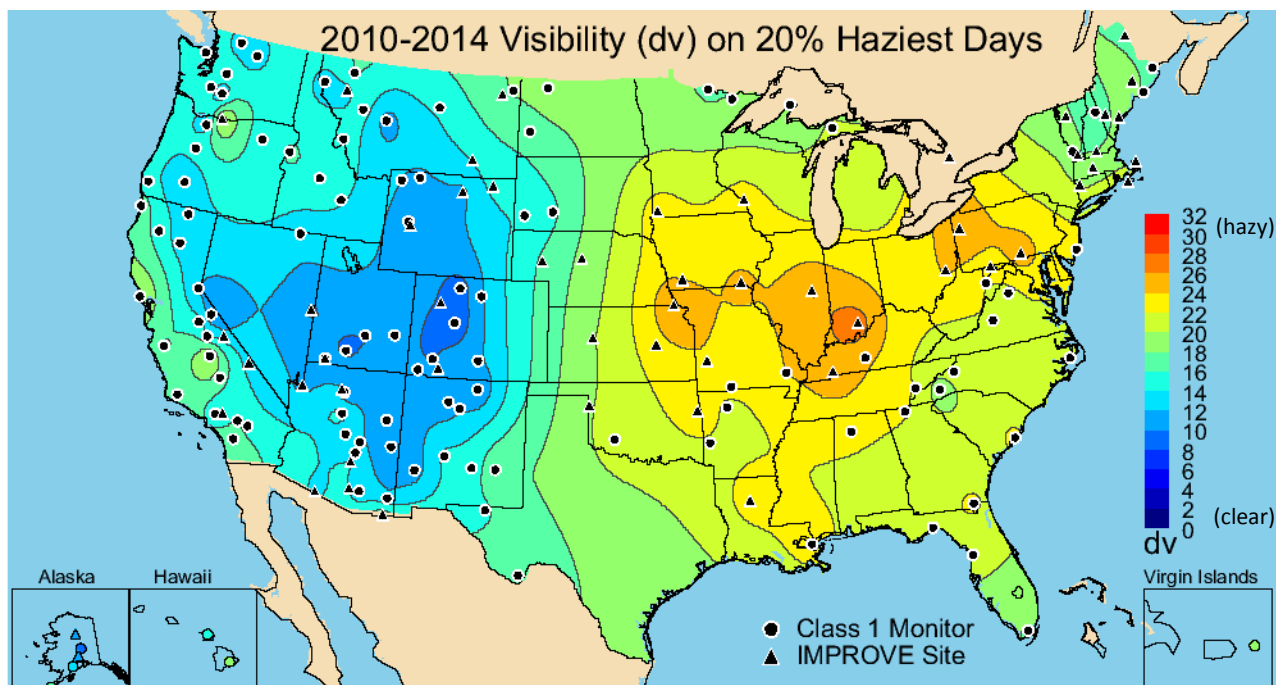


Figure 2. Average visibility conditions over the 2010-2014 period on the 20% worst visibility days.



FOR MORE INFORMATION

- To download a copy of the final rule from the EPA website, go to “Recent Actions” at the following address: <https://www.epa.gov/visibility/visibility-regulatory-actions>.
- For more information on the progress of the regional haze program, explore the [Regional Haze Story Map](http://arcg.is/29tAbS3): <http://arcg.is/29tAbS3>.
- This final rule and other background information are also available either electronically at <http://www.regulations.gov>, the EPA’s electronic public docket and comment system, or in hardcopy at the EPA Docket Center’s Public Reading Room.
 - The Public Reading Room is located in the EPA Headquarters, Room Number 3334 in the EPA William Jefferson Clinton West Building, located at 1301 Constitution Ave., NW, Washington, D.C. Hours of operation are 8:30 a.m. to 4:30 p.m. eastern standard time, Monday through Friday, excluding federal holidays.
 - Visitors are required to show photographic identification, pass through a metal detector and sign the EPA visitor log. All visitor materials will be processed through an X-ray machine as well. Visitors will be provided a badge that must be visible at all times.
 - Materials for this action can be accessed using Docket ID EPA-HQ-OAR-2015-0531.
- For further information about the final rule, contact Chris Werner of the EPA’s Office of Air Quality Planning and Standards at (919) 541-5133 or werner.christopher@epa.gov.



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BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Grace A. McCarley Holder, Senior Scientist

Subject: Keeler Dunes Dust Control Project Update (No Action)

This Board report provides the District Governing Board with an update and information on the Keeler Dunes dust control project as of mid-February 2017.

Project Update

At the time of this report (February 21, 2017) the construction work in the project has been completed for the season. Nature's Image, a subcontractor to Barnard Construction, placed a double crew on the project in November and December 2016 allowing for an increased work pace such that both the planting activities and bale mound construction were completed on December 30, 2016 instead of in January 2017, as originally anticipated.

Approximately 100,000 plants were installed in the project in the two and a half month period from mid-October 2016 to the end of December 2016. Most of the newly installed plants (~92,000) came from Greenheart Farms INC (Greenheart) in Arroyo Grande, CA with the remainder coming from the Antelope Valley Resource Conservation District (AVRCD) nursery in Lancaster. The plant material from Greenheart was very high quality and is expected to do well in the areas where it has been planted.

Planting has been concentrated in the northern two-thirds of the project in areas where there is sufficient sand thickness to allow a deep enough hole for the developed root ball and where the existing bale array appears to be meeting the project goals in stabilizing the dune surface. The southern portion (Southern Dunes) of the project where there are problems with continued high sand motion was not planted in this phase of the project but was instead reconstructed such that the originally placed bale array is being modified into bale mounds.

Approximately 1,440 bale mounds were built in the Southern Dune area to provide larger roughness elements to stabilize the surface in a similar fashion as observed in existing stable vegetated dune systems around Owens Lake. The bale mounds were built out of 6 straw bales stacked in three layers and oriented such that the long dimension of the mound is parallel with the

prevailing winds from the northwest. Observations to date appear to show that the sand motion within the bale mound area is significantly reduced and that the surface appears to be largely stabilized. Continued observations throughout the spring will provide additional information on the success of the modified control strategy.

An evaluation of the health and survivorship of the plants installed in the project in the first two construction seasons was conducted in October 2016 by staff from Amec Foster Wheeler INC as part of their contract for project management. The results of the survey show that the condition of the plants installed in the first two years is highly variable with a few areas doing well but most other areas ranging from moderately well to poor. While there are many variables that affect the condition of the plants including: soil type (sandy versus silty or rocky soils), condition of the initial plant material, how well the plant was planted in the ground, sand inundation after planting, sand scouring around the plant, browsing impacts, insect infestation, etc. the most important controlling factor in the project so far appears to be the soil moisture and amount of available water for the plants.

The last two unusually dry summers appears to have had a significant impact on the plant survivorship in the project. Typically there are two or three thunderstorms over the course of the summer that each brings much needed water for the plants in the dunes. However, over the past two summers (2015 and 2016), the dunes have had very little rain such that the depth to moisture in the dunes was about three times deeper in October 2016 than what is normally present and it was well below the root zone for the young plants in the project. Based on these observations, the original irrigation plan is being revised to add a supplemental irrigation event this spring to provide much needed summer water to the establishing plants.

Project Look Ahead

The main activity planned at this time for 2017 in the Keeler Dunes project is plant irrigation. Supplemental irrigation events are scheduled for March-April and Sept-Oct. An additional irrigation event is also being considered for the summer (July) to improve the survivorship through the hot summer months.

There have now been three planting episodes in the project. The initial planting, in January 2015, consisted of about 15,000 plants installed in the northern portion of the project. Those plants were planted right after a wet period at the end of 2014 and overall have been very successful. The second planting occurred from November 2015 through February 2016 and consisted of about 75,000 plants of variable quality. Many of the plants in the second planting episode were planted in the Southern Dunes and were compromised immediately by the high sand motion in that portion of the project. The third and most recent planting episode consisted of about 100,000 plants installed from mid-October to mid-December 2016 in the northern two-thirds of the project. The plant material was exceptional and there is hope that with the right management that they will do well. In order to track the condition and establishment success of the plants installed through all three planting episodes, an evaluation of the plant health and survivorship will be completed both in the spring and fall of 2017.

Initial observations from the completed bale mound area are that the modified control strategy employed in the Southern Dunes is effective and that the control level is improved from the

original design. This portion of the project will be regularly observed to determine if the bale mounds continue to be successful through the winter and spring high winds and if the surface between the mounds appears stable enough to allow successful plant establishment. Ultimately, the goal is to plant native shrubs in the Southern Dunes but this can only be done if the area is stable enough to allow establishment and growth of the plants.

Two small scale tests are currently being conducted in the dunes. The first test is a small scale test of 540 large plants to determine if larger plants would do well and the extra cost of the larger plant provides improved success. If the dune surface is stable enough in the Southern Dunes over the rest of the dust season, then a fourth planting episode is being considered for the fall of 2017. Accordingly, District staff had Comstock Seed from Gardnerville, Nevada collect a new batch of seed from the Owens Lake area in November 2016 which can be used to grow-out the plants needed for the additional work. Based on the recent experience with Greenheart Farms, with comparable costs to other nurseries and the exceptional quality of the plants that they have propagated, District staff would like to use them to grow out any additional plants for the project. A decision will be made in late spring 2017 concerning the planting in the Southern Dunes in order to allow enough time for plant grow-out before the fall planting season.

The second small scale test is designed to see if direct seeding can be successfully conducted in the dunes. If successful, direct seeding could be used to augment native shrub transplanting to help stabilize the dune surface. Seed from five different native shrub species are being tested with two species of annual shrubs and three species of perennial shrubs. Seeds will be planted using six different seeding methods. The test plot setup occurred on February 15 and the seeding is scheduled for February 22, 2017. Since the native seed needs moist soil conditions to germinate and with the recent winter rains, it appears that this is a good time to conduct this test and that the seeds should sprout when the soil temperature warms.

Board Action:

None. Information only.

Attachment:

Photos of the plants and project taken in December 2016. Additional photos and material will be shown at the meeting in March 2017.

Photos of the Keeler Dunes Project, December 2016



Figure 1. Plants from Greenheart Farms INC ready for installation in the project.



Figure 2. Tray of *Atriplex polycarpa* for the Keeler Dunes Project. Plant is termed “fluffy” by the field crew due to the lush foliage.



Figure 3. Pre-irrigation of an area for plant installation using a watering spike to get the water down into the rooting zone. Notice the three plants laying on top of the bale ready for installation.



Figure 4. Plant installation at straw bale.



Figure 5. Newly installed plants along the front (southern) side of a straw bale.



Figure 6. Newly constructed bale mounds in the Southern Dunes. View to the east.



Figure 7. Newly constructed bale mounds in the Southern Dunes. View to the southwest.



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537

Tel: 760-872-8211 Fax: 760-872-6109

BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Susan Cash, Administrative Projects Manager

Subject: Fiscal Year 2015 – 2016 Independent Auditor's Report

Summary:

The independent financial audit for the fiscal year 2015-2016 has been completed by Messner & Hadley, LLP of Victorville, California. Copies of the audit report have been sent to the Governing Board Members (separately bound) with this board packet. Additional copies are available upon request to the Clerk of the Board.

Board Action:

None. Information only.



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BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Phillip L. Kiddoo, Air Pollution Control Officer

Subject: Fiscal Year 2016 – 2017 State Subvention Funding application

Summary:

At the September Board meeting, permission was granted to the APCO to sign and submit the State Subvention Application to the California Air Resources Board. The District submitted and completed the subvention application to California Air Resources Board on December 1, 2016. Copies will be available at the Board Meeting or can be distributed upon request.

Board Action:

None. Information only.



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

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BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Patricia Gilpin, Fiscal Services Technician

Subject: Amended 4th Quarter Financial Reports for SB 270

Please note that the 4th Quarter Financial Reports for the SB 270 Budget presented to the Board on the September 14th meeting has been amended; there were a couple of lines inadvertently omitted. Corrections are highlighted yellow in amended report.

Board Action:

None. Information only.

Attachment:

Amended 4th Quarter Financial Reports, SB 270 Budget

Informational Item - Amended 4th Quarter Financial Report for SB 270 (No Action)

March 9, 2017 – Agenda Item No. 10c – Page 1

Great Basin Unified Air Pollution Control District
SB 270 Budget FY 2015-2016
For the 4th Quarter (Ending June 30, 2016)

EXPENSES		Amended	4th Quarter	Budget	Adjusted Budget	% of Budget
I	Employee Costs					
A	Employee Wages		1,517,479.67	1,636,000.00	1,636,000.00	92.76%
B	Retirement		347,926.93	434,000.00	434,000.00	80.17%
C	Insurance Benefits		346,211.25	351,000.00	351,000.00	98.64%
D	Taxes		266,817.44	286,000.00	286,000.00	93.29%
E	Retiree Medical Insurance Unfunded Liability		-	-	-	-
F	Worker's Compensation Insurance		15,755.90	16,000.00	16,000.00	98.47%
G	Unfunded Pension Liabilities (B/O 160201-04) Resolution No.2016-01		1,146,528.00	-	1,146,528.00	100.00%
	Employee Costs		3,640,719.19	2,723,000.00	3,869,528.00	94.09%
II	Operating & Compliance					
A	Advertising - Legal Notices & Ads		12,718.67	5,000.00	5,000.00	254.37%
B	Dues, Subscriptions, Education, Use Tax & Fees		39,601.95	26,000.00	26,000.00	152.32%
C	Equipment: Computer, Furniture, General, Office, Safety, Scientific, Software (<\$5,000 ea.)		129,912.00	125,500.00	125,500.00	103.52%
D	Fuel and Gasoline		26,982.13	31,000.00	31,000.00	87.04%
E	Health & Safety		489.89	4,000.00	4,000.00	12.25%
F	Insurance - Liability, Fire & Casualty		40,719.22	46,000.00	46,000.00	88.52%
G	Leases & Rents: Equipment, Office, Site, Storage		106,152.20	110,000.00	110,000.00	96.50%
H	Maintenance & Repairs of Equipment - Labor		37,938.52	34,000.00	34,000.00	111.58%
I	Maintenance & Repairs of Equipment - Materials		95,991.25	95,000.00	95,000.00	101.04%
J	Postage and Shipping		2,956.29	4,000.00	4,000.00	73.91%
K	Professional & Special Services		717,185.22	750,500.00	894,000.00	80.22%
L	Supplies and Tools (In-field, Office, General Use)		29,033.63	30,000.00	30,000.00	96.78%
M	Transportation & Travel		27,115.42	18,000.00	18,000.00	150.64%
N	Utilities		49,231.68	61,000.00	61,000.00	80.71%
O	Project Demonstration: Control Measure Testing		386,271.82	100,000.00	387,000.00	99.81%
	Operating & Compliance Costs		1,702,299.89	1,440,000.00	1,870,500.00	91.01%
III	Materials & Equipment					
A	Equipment: Computer, Furniture, General, Office, Scientific, Software (>\$5,000ea.)		100,483.85	24,000.00	100,483.85	100.00%
B	Vehicles & ATVs		33,351.82	-	33,351.82	100.00%
	Materials & Equipment Costs		133,835.67	24,000.00	133,835.67	100.00%
	Expenses Total (Parts I, II, III)	\$	5,476,854.75	\$ 4,187,000.00	\$ 5,873,863.67	93.24%
IV	A Special Legal Fee	\$	592,169.03	\$ 800,000.00	\$ 775,000.00	76.41%
V	A Owens Lake Scientific Advisory Panel	\$	750,000.00	\$ 750,000.00	\$ 750,000.00	100.00%
		\$	1,342,169.03	\$ 1,550,000.00	\$ 1,525,000.00	88.01%
	Expenses Total (Parts I - V)	\$	6,819,023.78	\$ 5,737,000.00	\$ 7,398,863.67	92.16%

Great Basin Unified Air Pollution Control District
SB 270 Budget FY 2015-2016
For the 4th Quarter (Ending June 30, 2016)

Amended		4th Quarter	Budget	Adjusted Budget	% of Budget
REVENUE					
I	Fees, Permits & Penalties	\$ 4,187,000.00	\$ 4,187,000.00	\$ 4,187,000.00	100.00%
	Legal Fee Assessment	\$ 586,663.00	\$ 586,663.00	\$ 586,663.00	100.00%
	Reserve Policy Adjustment	\$ 213,337.00	\$ 213,337.00	\$ 213,337.00	100.00%
	Owens Lake Scientific Advisory Panel	\$ 750,000.00	\$ 750,000.00	\$ 750,000.00	100.00%
	Fees, Permits & Penalties	\$ 5,737,000.00	\$ 5,737,000.00	\$ 5,737,000.00	100.00%
II	Other Revenue				
	FY14-15 Carry-overs	405,500.00	-	405,500.00	-
	Interest	18,611.89	-	-	-
	Sales, Services, Rebates, Refunds	17,230.92	-	-	-
	PM2.5 from District (Reimburse staff time)	14,980.26	-	-	-
	From Capital Asset Reserve: Equipment & Materials B.O.150518-04a	19,017.16	-	19,017.16	100.00%
	From Capital Asset Reserve: Vehicles/B.O.160516-05a	33,351.82	-	33,351.82	100.00%
	From Capital Asset Reserve: Equipment (B.O.160201-03c, 160201-03d)	57,466.69	-	57,466.69	100.00%
	From Reserves: Unfunded Pension Liabilities (B/O 160201-04) Resolution No.2016-01	1,146,528.00	-	1,146,528.00	100.00%
		1,712,686.74	-	1,661,863.67	103.06%
	TOTAL REVENUE	\$ 7,449,686.74	\$ 5,737,000.00	\$ 7,398,863.67	100.69%

Reconcile to Inyo County Treasury as of 6/30/2016

SB 270 General Fund Reserves	\$ 572,404.71
Capital Asset Accrual Reserves	\$ 272,555.35
Spendable/Available Cash	\$ 599,063.51
Move OLSAP funds to FY16-17	\$ 750,000.00
Accrued Payables	\$ 157,412.56
Carry overs	\$ 214,000.00
	\$ 2,565,436.13

Balance: Inyo County Auditor Report 6/30/2016 **\$ 2,565,436.13**

Checking account balance as of 6/30/2016=\$35,911.74

Interest transferred to PARS Retiree Health: \$24,535.38



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537

Tel: 760-872-8211 Fax: 760-872-6109

www.gbuapcd.org

BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Patricia Gilpin, Fiscal Services

Subject: Fiscal Year 2016-2017 1st Quarter Financials

Financial summaries for the 1st quarter of the 2016-17 fiscal year are attached. The District operates two main budgets, the “District” and the “SB 270.” The District Budget’s income and expenses are traditional air pollution control activities within the tri-county boundaries, with exception of any air pollution control income and expenses related to the City of Los Angeles’ water-diversion activities. The SB 270 Budget’s income and expenses are related to the City of Los Angeles activities at Owens Lake and Mono Lake. Funds for both budgets are held in the Inyo County Treasury.

The District also has three sub-budgets: The Owens Lake Trust Fund, the Clean Air Projects Program, and the Keeler Dunes Dust Control Project. Reports on these budgets are also included in this summary. Funds for the Owens Lake Trust Fund, Clean Air Projects Program, and the Keeler Dunes Dust Control Project are also held in the Inyo County Treasury.

Board Action:

None. Information only.

Attachment:

1st Quarter Financial Reports

Informational Items – Fiscal Year 2016-2017 1st Quarter Financials (No Action)

March 9, 2017 – Agenda Item No. 10d – Page 1

Great Basin Unified Air Pollution Control District
District Budget FY 2016-2017
For the 1st Quarter (Ending September 30, 2016)

EXPENSES	1st Quarter	Budget	% of Budget
I Employee Costs			
A Employee Wages	63,657.82	330,000.00	19.29%
B Retirement	19,143.90	60,000.00	31.91%
C Insurance Benefits	19,456.21	62,000.00	31.38%
D Taxes	13,846.11	60,000.00	23.08%
E Retiree Medical Insurance Unfunded Liability	-	-	0.00%
F Worker's Compensation Insurance	2,983.12	3,000.00	99.44%
G Retirement: GASB68 Trust-Prefunding of Unfunded Liability	-	55,700.00	0.00%
Employee Costs	119,087.16	570,700.00	20.87%
II Operating & Compliance Costs			
A Advertising - Legal Notices & Ads	72.59	4,000.00	1.81%
B Dues, Subscriptions Education, Use Tax, Fees, AB2588	873.39	10,000.00	8.73%
C Equipment: Computer, Furniture, General, Office, Safety, Scientific, Software (<\$5,000 ea.)	2,368.89	9,500.00	24.94%
D Fuel and Gasoline	326.03	4,300.00	7.58%
E Health & Safety	-	1,000.00	0.00%
F Insurance - Liability, Fire & Casualty	7,116.53	10,000.00	71.17%
G Leases & Rents: Equipment, Office, Site, Storage	6,027.81	25,400.00	23.73%
H Maintenance & Repairs of Equipment - Labor	609.51	9,500.00	6.42%
I Maintenance & Repairs of Equipment - Materials	51.84	8,000.00	0.65%
J Postage and Shipping	93.35	1,000.00	9.34%
K Professional & Special Services	396.00	13,000.00	3.05%
L Supplies & Tools (In-Field, Office, General Use)	610.39	6,000.00	10.17%
M Transportation & Travel	698.65	5,500.00	12.70%
N Utilities	1,538.47	8,500.00	18.10%
O Public Assistance/Grant Programs	-	6,000.00	0.00%
Operating & Compliance Costs	20,783.45	121,700.00	17.08%
III Materials & Equipment			
A Equipment: Computer, Furniture, General, Office, Scientific, Software (>\$5,000 ea.)	-	-	0.00%
B Capital Expenditure Fund: Vehicles & Equipment	-	12,000.00	0.00%
Materials and Equipment Costs	-	12,000.00	0.00%
TOTAL EXPENSES (Parts I, II, III)	139,870.61	704,400.00	19.86%
IV Grant Expenses			
A EPA PM 2.5 Grant Funds	-	23,245.00	0.00%
B EPA 105 Grant Funds	3,640.81	71,746.00	5.07%
C EPA NCORE Funds	-	-	0.00%
Grants	3,640.81	94,991.00	3.83%
Total Expenses	\$ 143,511.42	\$ 799,391.00	17.95%

Great Basin Unified Air Pollution Control District
District Budget FY 2016-2017
For the 1st Quarter (Ending September 30, 2016)

REVENUE		1st Quarter	Budget	% of Budget
I	Fees, Permits & Penalties			
A	AB 2588 - Toxic Hot Spots	-	1,500.00	0.00%
B	Conservation Mgmt. Plan/Prescribed Burn Plan	70.00	7,000.00	1.00%
C	Geothermal	3,752.00	309,000.00	1.21%
D	Hearing Board	-	500.00	0.00%
E	Initial Permit Fees (FF, ATC, Mods)	8,328.00	30,000.00	27.76%
D	Penalties & Late Fees	2,624.00	60,000.00	4.37%
G	Sources (Asbestos, Diesel, Fuel, Electric, PERP)	45,627.87	110,000.00	41.48%
H	Service Station Vapor Recovery	2,519.00	15,000.00	16.79%
	Fees, Permits & Penalties	62,920.87	533,000.00	11.81%
II	Other Revenue			
A	Air Monitoring Audits	-	-	-
B	Interest	-	2,000.00	0.00%
C	Per Capita Fee	-	-	-
D	Sales, Services, Fees, Rebates & Refunds	115.00	4,000.00	2.88%
E	State Subvention (3 counties)	-	138,000.00	0.00%
F	Town of Mammoth Lakes (Air Monitoring)	-	15,000.00	0.00%
	Other Revenue	115.00	159,000.00	0.07%
	Total Permits, Fees & Other Revenue	63,035.87	692,000.00	9.11%
III	Grant Funds (Restricted)			
A	EPA PM2.5 Grant	23,245.00	23,245.00	100.00%
B	EPA 105 Grant	-	71,746.00	0.00%
C	EPA Ncore Grant	-	-	-
	Total Grants	23,245.00	94,991.00	24.47%
	TOTAL REVENUE (w/ Grants)	\$ 86,280.87	\$ 786,991.00	10.96%

Reconcile to Inyo County Treasury as of 9/30/2016

District General Fund Reserves	\$ 832,274.18
Capital Asset Accrual Reserves	\$ 89,343.83
Spendable/Available Cash	\$ 2,162.17
CEQA Lead Agency Litigation Funds ⁽¹⁾	\$ 33,998.80
103 Grant Funds (PM2.5)	\$ 44,648.70
105 Grant Funds	\$ 61,454.60
	<u>\$ 1,063,882.28</u>

Balance, IC Auditor Report 9/30/2016 **\$ 1,063,882.28**

Checking account balance as of 9/30/2016=\$(1,930.22)

¹ ORMAT Litigation Funds

Great Basin Unified Air Pollution Control District
SB 270 Budget FY 2016-2017
For the 1st Quarter (Ending September 30, 2016)

EXPENSES		1st Quarter	Budget	Adjusted Budget	% of Budget
I	Employee Costs				
A	Employee Wages	314,548.92	1,678,000.00	1,678,000.00	18.75%
B	Retirement	191,176.56	378,000.00	378,000.00	50.58%
C	Insurance Benefits	119,500.48	394,000.00	394,000.00	30.33%
D	Taxes	66,862.97	287,000.00	287,000.00	23.30%
E	Retiree Medical Insurance Unfunded Liability	-	-	-	-
F	Worker's Compensation Insurance	16,904.33	17,000.00	17,000.00	99.44%
	Employee Costs	708,993.26	2,754,000.00	2,754,000.00	25.74%
II	Operating & Compliance				
A	Advertising - Legal Notices & Ads	128.00	5,000.00	5,000.00	2.56%
B	Dues, Subscriptions, Education, Use Tax & Fees	6,480.90	26,000.00	26,000.00	24.93%
C	Equipment: Computer, Furniture, General, Office, Safety, Scientific, Software (<\$5,000 ea.)	25,792.26	95,500.00	95,500.00	27.01%
D	Fuel and Gasoline	3,725.09	31,000.00	31,000.00	12.02%
E	Health & Safety	168.51	4,000.00	4,000.00	4.21%
F	Insurance - Liability, Fire & Casualty	40,358.77	46,000.00	46,000.00	87.74%
G	Leases & Rents: Equipment, Office, Site, Storage	28,946.02	111,000.00	111,000.00	26.08%
H	Maintenance & Repairs of Equipment - Labor	8,003.55	35,000.00	35,000.00	22.87%
I	Maintenance & Repairs of Equipment - Materials	62,757.68	135,000.00	135,000.00	46.49%
J	Postage and Shipping	1,000.21	4,000.00	4,000.00	25.01%
K	Professional & Special Services	25,800.56	700,500.00	700,500.00	3.68%
L	Supplies and Tools (In-field, Office, General Use)	4,846.73	30,000.00	30,000.00	16.16%
M	Transportation & Travel	11,687.23	18,000.00	18,000.00	64.93%
N	Utilities	13,889.81	61,000.00	61,000.00	22.77%
O	Project Demonstration: Control Measure Testing	5,128.49	100,000.00	314,000.00	1.63%
	Operating & Compliance Costs	238,713.81	1,402,000.00	1,616,000.00	14.77%
III	Materials & Equipment				
A	Equipment: Computer, Furniture, General, Office, Scientific, Software (>\$5,000 ea.)	41,990.00	115,000.00	115,000.00	36.51%
B	Vehicles & ATVs	(123.61)	-	-	-
	Materials & Equipment Costs	41,866.39	115,000.00	115,000.00	36.41%
	Expenses Total (Parts I, II, III)	\$ 989,573.46	\$ 4,306,000.00	\$ 4,520,000.00	21.89%
IV	A Special Legal Fee	\$ 26,260.00	\$ 400,000.00	\$ 400,000.00	6.57%
V	A Owens Lake Scientific Advisory Panel	\$ -	\$ -	\$ 750,000.00	0.00%
		\$ 26,260.00	\$ 400,000.00	\$ 1,150,000.00	2.28%
	Expenses Total (Parts I - V)	\$ 1,015,833.46	\$ 4,706,000.00	\$ 5,670,000.00	17.92%

Great Basin Unified Air Pollution Control District
SB 270 Budget FY 2016-2017
For the 1st Quarter (Ending September 30, 2016)

REVENUE		1st Quarter	Budget	Adjusted Budget	% of Budget
I	Fees, Permits & Penalties	\$ 4,306,000.00	\$ 4,306,000.00	\$ 4,306,000.00	100.00%
	Legal Fee Assessment	\$ 400,000.00	\$ 400,000.00	\$ 400,000.00	100.00%
	Fees, Permits & Penalties	\$ 4,706,000.00	\$ 4,706,000.00	\$ 4,706,000.00	100.00%
II	Other Revenue				
	FY15-16 Carry-overs	214,000.00	-	214,000.00	100.00%
	Carry-over: Owens Lake Scientific Advisory Panel	750,000.00	-	750,000.00	100.00%
	From Asset Reserve: BO#160516-05e/2Data Loggers	41,990.00	-	-	-
	Interest	-	-	-	-
	Sales, Services, Rebates, Refunds	1,232.81	-	-	-
		1,007,222.81	-	964,000.00	104.48%
	TOTAL REVENUE	\$ 5,713,222.81	\$ 4,706,000.00	\$ 5,670,000.00	100.76%

Reconcile to Inyo County Treasury as of 9/30/2016

SB 270 General Fund Reserves	\$ 1,171,481.51
Capital Asset Accrual Reserves	\$ 272,963.98
Spendable/Available Cash	\$ 4,577,440.28
	\$ 6,021,885.77

Balance, IC Auditor Report 9/30/2016 **\$ 6,021,885.77**

Checking account balance as of 9/30/2016=\$152,553.02

Great Basin Unified Air Pollution Control District
Owens Lake Trust Fund FY 2016-2017
For the 1st Quarter (Ending September 30, 2016)

Beginning Cash Balance 7/1/2016	1,048,959.12
June 30, 2016 Interest-earned Inyo County	<u>2,093.24</u>
	1,051,052.36

Expenses

Professional Services	-
-----------------------	---

<i>Checking account balance</i>	<u>3.90</u>
	3.90

Reconcile to Inyo County Treasury 9/30/2016	<u><u>\$ 1,051,052.36</u></u>
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Balance: IC Auditors Report as of 9/30/2016	<u><u>\$ 1,051,052.36</u></u>
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Great Basin Unified Air Pollution Control District
Clean Air Projects Program FY 2016-2017
For the 1st Quarter (Ending September 30, 2016)

Beginning Cash Balance 7/1/2016	763,812.90
June 30, 2016 Interest-earned Inyo County	<u>1,524.22</u>
	765,337.12

Expenses

Projects	-
----------	---

<i>Checking account balance</i>	<u>30.31</u>
	30.31

Reconcile to Inyo County Treasury as of 9/30/2016	<u>\$ 765,337.12</u>
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Balance: Inyo County Auditors as of 9/30/2016	<u>\$ 765,337.12</u>
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Great Basin Unified Air Pollution Control District
Keeler Dunes Dust Control Projects FY 2016-2017
For the 1st Quarter (Ending September 30, 2016)

Beginning Cash Balance 7/1/2016	2,524,038.99
June 30, 2016 Interest-earned Inyo County	5,381.58
1st Installment payment - Jimmy Myers	10,000.00
Checking account balance at year-end	12,286.41
	<u>2,551,706.98</u>

Expenses

Paid year-end invoices (FY15-16 accruals)	89,748.51
Employee Costs	12,165.42
General Expenses	7,727.11
Projects	-
Administration	1,444.25
	<u>111,085.29</u>

<i>Checking account balance</i>	13,366.54
	<u>124,451.83</u>

Reconcile to Inyo County Treasury 9/30/2016	<u><u>\$ 2,427,255.15</u></u>
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Balance: Inyo County Auditors as of 9/30/2016	<u><u>\$ 2,427,255.15</u></u>
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GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537

Tel: 760-872-8211 Fax: 760-872-6109

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BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Patricia Gilpin, Fiscal Services

Subject: Fiscal Year 2016 – 2017 2nd Quarter Financials

Financial summaries for the 2nd quarter of the 2016-17 fiscal year are attached. The District operates two main budgets, the “District” and the “SB 270.” The District Budget’s income and expenses are traditional air pollution control activities within the tri-county boundaries, with exception of any air pollution control income and expenses related to the City of Los Angeles’ water-diversion activities. The SB 270 Budget’s income and expenses are related to the City of Los Angeles activities at Owens and Mono Lakes. Funds for both budgets are held in the Inyo County Treasury.

The District also has three sub-budgets: The Owens Lake Trust Fund, the Clean Air Projects Program, and the Keeler Dunes Dust Control Project. Reports on these budgets are also included in this summary. Funds for the Owens Lake Trust Fund, Clean Air Projects Program, and the Keeler Dunes Dust Control Project are also held in the Inyo County Treasury.

Board Action:

None. Information Only

Attachment:

2nd Quarter Financial Reports

Great Basin Unified Air Pollution Control District
District Budget FY 2016-2017
For the 2nd Quarter (Ending December 31, 2016)

EXPENSES	2nd Quarter	Budget	% of Budget
I Employee Costs			
A Employee Wages	144,926.13	330,000.00	43.92%
B Retirement	32,598.22	60,000.00	54.33%
C Insurance Benefits	33,194.47	62,000.00	53.54%
D Taxes	26,873.21	60,000.00	44.79%
E Retiree Medical Insurance Unfunded Liability	-	-	-
F Worker's Compensation Insurance	2,983.12	3,000.00	99.44%
G Retirement: GASB68 Trust-Prefunding of Unfunded Liability	55,674.00	55,700.00	99.95%
Employee Costs	296,249.15	570,700.00	51.91%
II Operating & Compliance Costs			
A Advertising - Legal Notices & Ads	702.12	4,000.00	17.55%
B Dues, Subscriptions Education, Use Tax, Fees, AB2588	2,185.08	10,000.00	21.85%
C Equipment: Computer, Furniture, General, Office, Safety, Scientific, Software (<\$5,000 ea.)	2,932.31	9,500.00	30.87%
D Fuel and Gasoline	938.88	4,300.00	21.83%
E Health & Safety	500.00	1,000.00	50.00%
F Insurance - Liability, Fire & Casualty	7,116.53	10,000.00	71.17%
G Leases & Rents: Equipment, Office, Site, Storage	11,352.37	25,400.00	44.69%
H Maintenance & Repairs of Equipment - Labor	1,033.96	9,500.00	10.88%
I Maintenance & Repairs of Equipment - Materials	284.15	8,000.00	3.55%
J Postage and Shipping	119.91	1,000.00	11.99%
K Professional & Special Services	2,601.80	13,000.00	20.01%
L Supplies & Tools (In-Field, Office, General Use)	1,709.80	6,000.00	28.50%
M Transportation & Travel	1,748.05	5,500.00	31.78%
N Utilities	2,892.42	8,500.00	34.03%
O Public Assistance/Grant Programs	-	6,000.00	0.00%
Operating & Compliance Costs	36,117.38	121,700.00	29.68%
III Materials & Equipment			
A Equipment: Computer, Furniture, General, Office, Scientific, Software (>\$5,000 ea.)	2,381.70	-	0.00%
B Capital Expenditure Fund: Vehicles & Equipment	-	12,000.00	0.00%
Materials and Equipment Costs	2,381.70	12,000.00	19.85%
TOTAL EXPENSES (Parts I, II, III)	334,748.23	704,400.00	47.52%
IV Grant Expenses			
A EPA PM 2.5 Grant Funds	-	23,245.00	0.00%
B EPA 105 Grant Funds	8,677.23	71,746.00	12.09%
C EPA NCORE Funds	-	-	-
Grants	8,677.23	94,991.00	9.13%
Total Expenses	\$ 343,425.46	\$ 799,391.00	42.96%

Great Basin Unified Air Pollution Control District
District Budget FY 2016-2017
For the 2nd Quarter (Ending December 31, 2016)

REVENUE		2nd Quarter	Budget	% of Budget
I	Fees, Permits & Penalties			
A	AB 2588 - Toxic Hot Spots	-	1,500.00	0.00%
B	Conservation Mgmt. Plan/Prescribed Burn Plan	414.00	7,000.00	5.91%
C	Geothermal	15,910.00	309,000.00	5.15%
D	Hearing Board	-	500.00	0.00%
E	Initial Permit Fees (FF, ATC, Mods)	17,018.00	30,000.00	56.73%
D	Penalties & Late Fees	7,882.50	60,000.00	13.14%
G	Sources (Asbestos, Diesel, Fuel, Electric, PERP)	62,212.87	110,000.00	56.56%
H	Service Station Vapor Recovery	7,614.00	15,000.00	50.76%
	Fees, Permits & Penalties	111,051.37	533,000.00	20.84%
II	Other Revenue			
A	Air Monitoring Audits	-	-	-
B	Interest	-	2,000.00	0.00%
C	Per Capita Fee	-	-	-
D	Sales, Services, Fees, Rebates & Refunds	212.58	4,000.00	5.31%
E	State Subvention (3 counties)	-	138,000.00	0.00%
F	Town of Mammoth Lakes (Air Monitoring)	25,000.00	15,000.00	166.67%
	Other Revenue	25,212.58	159,000.00	15.86%
	Total Permits, Fees & Other Revenue	136,263.95	692,000.00	19.69%
III	Grant Funds (Restricted)			
A	EPA PM2.5 Grant	23,245.00	23,245.00	100.00%
B	EPA 105 Grant	-	71,746.00	0.00%
C	EPA Ncore Grant	-	-	-
	Total Grants	23,245.00	94,991.00	24.47%
	TOTAL REVENUE (w/ Grants)	\$ 159,508.95	\$ 786,991.00	20.27%

Reconcile to Inyo County Treasury as of 12/31/2016

District General Fund Reserves	\$ 832,274.18
Capital Asset Accrual Reserves	\$ 86,962.13
Spendable/Available Cash	\$ (117,376.71)
CEQA Lead Agency Litigation Funds ⁽¹⁾	\$ 2,469.42
103 Grant Funds (PM2.5)	\$ 44,648.70
105 Grant Funds	\$ 37,819.70
Interest earned Inyo County, posting in January	\$ 2,301.28
	\$ 889,098.70

Balance, IC Auditor Report 12/31/2016 **\$ 889,098.70**

Checking account balance as of 12/31/2016=\$17,021.48

¹ ORMAT Litigation Funds

Great Basin Unified Air Pollution Control District
SB 270 Budget FY 2016-2017
For the 2nd Quarter (Ending December 31, 2016)

EXPENSES		2nd Quarter	Budget	Adjusted Budget	% of Budget
I	Employee Costs				
A	Employee Wages	719,949.43	1,678,000.00	1,678,000.00	42.91%
B	Retirement	256,903.22	378,000.00	378,000.00	67.96%
C	Insurance Benefits	214,294.21	394,000.00	394,000.00	54.39%
D	Taxes	131,194.88	287,000.00	287,000.00	45.71%
E	Retiree Medical Insurance Unfunded Liability	-	-	-	-
F	Worker's Compensation Insurance	16,904.33	17,000.00	17,000.00	99.44%
	Employee Costs	1,339,246.07	2,754,000.00	2,754,000.00	48.63%
II	Operating & Compliance				
A	Advertising - Legal Notices & Ads	1,018.13	5,000.00	5,000.00	20.36%
B	Dues, Subscriptions, Education, Use Tax & Fees	14,989.40	26,000.00	26,000.00	57.65%
C	Equipment: Computer, Furniture, General, Office, Safety, Scientific, Software (<\$5,000 ea.)	37,092.38	95,500.00	95,500.00	38.84%
D	Fuel and Gasoline	10,096.36	31,000.00	31,000.00	32.57%
E	Health & Safety	168.51	4,000.00	4,000.00	4.21%
F	Insurance - Liability, Fire & Casualty	41,520.02	46,000.00	46,000.00	90.26%
G	Leases & Rents: Equipment, Office, Site, Storage	56,386.02	111,000.00	111,000.00	50.80%
H	Maintenance & Repairs of Equipment - Labor	17,498.74	35,000.00	35,000.00	50.00%
I	Maintenance & Repairs of Equipment - Materials	77,844.99	135,000.00	135,000.00	57.66%
J	Postage and Shipping	1,229.41	4,000.00	4,000.00	30.74%
K	Professional & Special Services	197,465.61	700,500.00	700,500.00	28.19%
L	Supplies and Tools (In-field, Office, General Use)	11,163.03	30,000.00	30,000.00	37.21%
M	Transportation & Travel	16,437.52	18,000.00	18,000.00	91.32%
N	Utilities	30,961.07	61,000.00	61,000.00	50.76%
O	Project Demonstration: Control Measure Testing	45,179.47	100,000.00	314,000.00	14.39%
	Operating & Compliance Costs	559,050.66	1,402,000.00	1,616,000.00	34.59%
III	Materials & Equipment				
A	Equipment: Computer, Furniture, General, Office, Scientific, Software (>\$5,000 ea.)	53,296.22	115,000.00	115,000.00	46.34%
B	Vehicles & ATVs	35,117.39	35,000.00	35,000.00	100.34%
	Materials & Equipment Costs	88,413.61	150,000.00	150,000.00	58.94%
	Expenses Total (Parts I, II, III)	\$ 1,986,710.34	\$ 4,306,000.00	\$ 4,520,000.00	43.95%
IV	A Special Legal Fee	\$ 41,020.00	\$ 400,000.00	\$ 400,000.00	10.26%
V	A Owens Lake Scientific Advisory Panel	\$ -	\$ -	\$ 750,000.00	0.00%
		\$ 41,020.00	\$ 400,000.00	\$ 1,150,000.00	3.57%
	Expenses Total (Parts I - V)	\$ 2,027,730.34	\$ 4,706,000.00	\$ 5,670,000.00	35.76%

Great Basin Unified Air Pollution Control District
SB 270 Budget FY 2016-2017
For the 2nd Quarter (Ending December 31, 2016)

REVENUE		2nd Quarter	Budget	Adjusted Budget	% of Budget
I	Fees, Permits & Penalties	\$ 4,306,000.00	\$ 4,306,000.00	\$ 4,306,000.00	100.00%
	Legal Fee Assessment	\$ 400,000.00	\$ 400,000.00	\$ 400,000.00	100.00%
	Fees, Permits & Penalties	\$ 4,706,000.00	\$ 4,706,000.00	\$ 4,706,000.00	100.00%
II	Other Revenue				
	FY15-16 Carry-overs	214,000.00	-	214,000.00	100.00%
	Carry-over: Owens Lake Scientific Advisory Panel	750,000.00	-	750,000.00	100.00%
	From Asset Reserve: BO#160516-05e/2Data Loggers	41,990.00	-	-	-
	Interest	-	-	-	-
	Sales, Services, Rebates, Refunds	4,387.29	-	-	-
		1,010,377.29	-	964,000.00	104.81%
	TOTAL REVENUE	\$ 5,716,377.29	\$ 4,706,000.00	\$ 5,670,000.00	100.82%

Reconcile to Inyo County Treasury as of 12/31/2016

SB 270 General Fund Reserves	\$ 1,171,481.51
Capital Asset Accrual Reserves	\$ 219,550.37
Spendable/Available Cash	\$ 3,690,517.12
Interest earned Inyo County, posting in January	\$ 14,244.74
	<u>\$ 5,095,793.74</u>

Balance, IC Auditor Report 12/31/2016 **\$ 5,095,793.74**

Checking account balance as of 12/31/2016=\$83,723.43

Great Basin Unified Air Pollution Control District
Owens Lake Trust Fund FY 2016-2017
For the 2nd Quarter (Ending December 31, 2016)

Beginning Cash Balance 7/1/2016	1,048,959.12
June 30, 2016 Interest-earned Inyo County	2,093.24
	1,051,052.36

Expenses

Professional Services	-
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<i>Cash in checking</i>	3.90
	3.90

Reconcile to Inyo County Treasury 12/31/2016	\$ 1,053,390.50

Balance: IC Auditors Report as of 12/31/2016	1,051,052.36
Interest earned Inyo County, posting in January	2,338.14
	\$ 1,053,390.50

Great Basin Unified Air Pollution Control District
Clean Air Projects Program FY 2016-2017
For the 2nd Quarter (Ending December 31, 2016)

Beginning Cash Balance 7/1/2016	763,812.90
June 30, 2016 Interest-earned Inyo County	1,524.22
	765,337.12

Expenses

Projects	-
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<i>Cash in Checking</i>	30.31
	30.31

Reconcile to Inyo County Treasury as of 12/31/2016	\$ 767,038.06

Balance: Inyo County Auditors as of 12/31/2016	765,337.12
Interest earned Inyo County, posting in January	1,700.94
	\$ 767,038.06

Great Basin Unified Air Pollution Control District
Keeler Dunes Dust Control Projects FY 2016-2017
For the 2nd Quarter (Ending December 31, 2016)

Beginning Cash Balance 7/1/2016	2,524,038.99
June 30, 2016 Interest-earned Inyo County	5,381.58
1st Installment payment - Jimmy Myers	10,000.00
Checking account balance at year-end	12,286.41
NOV461 funds from Dist/CAPP, BO#161110-05	1,199,707.00
	<u>3,751,413.98</u>

Expenses

Paid year-end invoices (FY15-16 accruals)	89,748.51
Employee Costs	27,257.55
General Expenses	10,515.63
Projects	144,990.00
Administration	17,394.30
	<u>289,905.99</u>

<i>Cash in Checking</i>	29,637.97
	<u>319,543.96</u>

Reconcile to Inyo County Treasury 12/31/2016	<u><u>\$ 3,437,294.08</u></u>
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Balance: Inyo County Auditors as of 12/31/2016	3,431,870.02
Interest earned Inyo County, posting in January	5,424.06
	<u><u>\$ 3,437,294.08</u></u>



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537
Tel: 760-872-8211 Fax: 760-872-6109

BOARD REPORT

Mtg. Date: March 9, 2017

To: Governing Board

From: Tori DeHaven, Clerk of the Board

Subject: Travel Report

Summary:

Phill Kiddoo	11/14 – 11/16	SWRCB* Salton Sea Workshop	Sacramento, CA
Dan Johnson	11/30 – 12/1	PQAO** Curriculum Advisory Committee	Sacramento, CA
Phill Kiddoo	1/18 – 1/20	Owens Lake Interagency Forum	Sacramento, CA
Ann Piersall			
Nik Barbieri			
Dan Johnson	1/24 – 1/26	PQAO** Training	Pomona, CA
Steve Mobley			
Susan Determann			
Guy Davis			
Valerie Thorp			
Chris Howard			
Kim Mitchell			
Chris Lanane			

Board Action:

None. Information only.

Attachment:

Travel Report - PQAO Training - Module 4 - Pomona, California

**State Water Resources Control Board*

***Primary Quality Assurance Organization*

GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

MEMORANDUM

Date: February 22, 2017

To: Phill Kiddoo

From: Chris Lanane

Subject: Travel Report - PQAQ Training - Module 4 - Pomona, California

District monitoring staff attended the Module 4 training on the Cal Poly Pomona campus, January 24-26, 2017, sponsored by the California Air Resources Board (ARB), the primary quality assurance organization of which the District is a part. This training was a synthesis of the first three modules, with presentations on all aspects of air quality monitoring, including: instrumentation, site selection, installation, operation and maintenance, data handling, and reporting data to the ARB and EPA databases, as well as many other topics. Also included in the program were presentations on current special monitoring programs, including: the lab that South Coast AQMD has set up to test consumer air quality monitors (cost \$50 - \$2,000); the challenges associated with emergency monitoring programs like the Aliso Canyon/Porter Ranch natural gas leak; and issues associated with neighborhood monitoring programs for localized wood smoke impacts.

Air quality monitoring vendors were also at the training to walk attendees through the operation, calibration and maintenance of their instruments, to discuss troubleshooting, and to make recommendations about optimizing the operation of the instruments. Some vendors of the consumer air quality monitors made presentations on their monitors and made suggestions about how to supplement a district's existing network with the addition of these low-cost monitors.

Opportunities to interact with personnel from other districts, ARB, and EPA were also available to enable air quality personnel throughout the state to meet and to talk about their own monitoring issues. EPA felt that this type of training was very important and so, provided grant funds to reimburse the districts whose staff attended for the cost of travel, room, and board. The District has submitted the documentation necessary for this reimbursement.

These training programs provide valuable information to District staff about changes in the air quality monitoring realm and about new instrumentation that is available for monitoring. These programs also provide great opportunities for District staff to network with air quality staff from all over the state as well as from ARB and EPA. The District air monitoring staff appreciates the opportunity to attend the training.



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537

Tel: 760-872-8211 Fax: 760-872-6109

BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Tori DeHaven, Permit Coordinator/Board Clerk

Subject: Permit Enforcement Activity Report

The permit database is maintained by the Permit Coordinator. Information collected from the Air Quality Specialists, Air Pollution Control Officer and Deputy Air Pollution Control Officer is entered upon receipt. The data and reports are discussed regularly in permit enforcement meetings. Data collected as of December 31, 2016, is as follows:

2nd Qtr. Permit Activity: October 1, 2015 – December 31, 2015

Permit Applications Received	2
Authority to Construct Issued	2
Temporary/Permits to Operate Issued	9
Permit Inspections	16
Notices of Violation Issued	2

2nd Qtr. Permit Activity: October 1, 2016 – December 31, 2016

Permit Applications Received	4
Authority to Construct Issued	4
Temporary/Permits to Operate Issued	9
Permit Inspections	11
Notices of Violation Issued	0

Open Notices of Violation

Inyo County	Mono County	Alpine County
2	0	0

Board Action:

None. Information only.



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT

157 Short Street, Bishop, California 93514-3537

Tel: 760-872-8211 Fax: 760-872-6109

BOARD REPORT

Mtg. Date: March 9, 2017

To: District Governing Board

From: Phillip L. Kiddoo, Air Pollution Control Officer

Subject: Air Pollution Control Officer Report

A verbal report will be given at the meeting.

2017

JANUARY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

FEBRUARY

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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

MARCH

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26	27	28	29	30	31	

APRIL

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30						

MAY

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JUNE

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JULY

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30	31					

AUGUST

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27	28	29	30	31		

SEPTEMBER

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24	25	26	27	28	29	30

OCTOBER

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15	16	17	18	19	20	21
22	23	24	25	26	27	28
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NOVEMBER

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DECEMBER

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31						