





*A joint regional project of the City of Santa Fe and Santa Fe County to build a reliable and sustainable water supply.*

## **Memorandum**

**Date:** November 5, 2015  
**To:** Buckman Direct Diversion Board  
**From:** Randy Sugrue, Interim Operations Superintendent  
**Subject:** Update on BDD Operations for the Month of October 2015

### **ITEM:**

1. This memorandum is to update the Buckman Direct Diversion (BDD) Board on BDD operations during the month of October 2015. The BDD diversions and deliveries have averaged, in Million Gallons Daily (MGD) as follows:
  - a. Raw water diversions: 7.67 MGD Average
  - b. Finished Drinking water deliveries through Booster Station 4A: 5.34 MGD Average
  - c. Finished Drinking water deliveries through Booster Station 5A: 1.64 MGD Average
  - d. Raw water delivery to Las Campanas at BS2A: 19.09 MG Total.
2. The BDD is providing approximately 82 percent of the water supply to the City and County for the month.
3. Please see the following pages from the Monthly report to the Office of the State Engineer (OSE) for accurate information up to October 15, 2015.
4. Please note all prior years are also included for reference.
5. The current Drought Update Summary is attached and reservoir storage status.



**BACKGROUND AND SUMMARY:**

**Buckman Direct Diversion Monthly SJC and Native Diversions**

Oct-15

In Acre-Feet

Month	Total SJC + Native Rights	SP-4842 RG Native COUNTY	SD-03638 RG Native LAS CAMPANAS	SJC Call Total	SP-2847-E SJC Call CITY	SP-2847-N-A SJC Call LAS CAMPANAS	All Partners Conveyance Losses
JAN	312.687	66.122	0.000	246.565	246.565	0.000	2.400
FEB	328.880	49.882	6.848	272.150	272.150	0.000	2.358
MAR	358.212	169.870	8.149	180.193	180.193	0.000	1.602
APR	40.134	40.134	0.000	0.000	0.000	0.000	0.000
MAY	465.403	238.729	0.000	226.674	226.674	0.000	2.145
JUN	692.301	128.535	0.000	563.767	452.430	111.336	5.043
JUL	448.317	148.671	0.000	299.646	237.063	62.583	2.701
AUG	493.158	213.727	0.000	279.430	279.430	0.000	2.538
SEP	683.013	130.850	0.000	552.163	552.163	0.000	4.983
OCT	430.343	64.123	0.000	366.220	366.220	0.000	3.566
NOV	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DEC	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>TOTAL</b>	<b>4,252.449</b>	<b>1,250.642</b>	<b>14.997</b>	<b>2,986.810</b>	<b>2,812.891</b>	<b>173.919</b>	<b>27.336</b>

In Acre-Feet

Month	Native COUNTY	Native Las Campanas	SJC CITY	SJC Las Campanas	All Partners Diversions BDD
JAN	66.122	0.000	244.165	0.000	310.287
FEB	49.882	6.848	269.792	0.000	326.521
MAR	169.870	8.149	178.592	0.000	356.610
APR	40.134	0.000	0.000	0.000	40.134
MAY	238.729	0.000	224.529	0.000	463.258
JUN	128.535	0.000	448.383	110.341	687.259
JUL	148.671	0.000	234.927	62.019	445.616
AUG	213.727	0.000	276.893	0.000	490.620
SEP	130.850	0.000	547.180	0.000	678.030
OCT	64.123	0.000	362.654	0.000	426.777
NOV	0.000	0.000	0.000	0.000	0.000
DEC	0.000	0.000	0.000	0.000	0.000
<b>TOTAL</b>	<b>1,250.642</b>	<b>14.997</b>	<b>2,787.115</b>	<b>172.359</b>	<b>4,225.113</b>

**Buckman Direct Diversion Monthly SJC and Native Diversions**

Dec-14

Month	Total SJC Release (AF)	SJC Conveyance Losses (AF)	Total SJC Available at BDD (AF)	SJC Diversion, SP-2847-E (AF)	SJC Diversion, SP-2847-N-A (AF)	Total Native Rio Grande Diversion SP-4842 (AF)	Release of SJC in Elephant Butte (AF)	Total BDD Surface Diversion (all permits)	SJC from SP-2847-E used to offset Buckman Wells RG-20516 (AF)	SJC from SP-2847-N used to offset Buckman Wells RG-20516 (AF)
JAN	383.35	3.74	390.34	390.34	0.00	12.68	0	403.01	0	0
FEB	349.51	3.28	341.55	341.55	0.00	11.38	0	352.93	0	0
MAR	373.88	3.66	381.69	357.07	34.09	148.83	0	530.52	0	0
APR	178.75	1.70	176.78	92.46	84.47	227.22	0	404.00	0	0
MAY	491.46	4.61	480.35	389.13	91.22	374.86	0	855.21	0	0
JUN	427.50	3.96	412.65	295.07	117.58	292.84	0	705.49	0	0
JUL	425.22	4.14	431.96	399.51	32.46	72.32	0	504.28	0	0
AUG	496.68	4.60	479.66	479.66	0.00	96.07	0	575.74	0	0
SEP	552.71	5.40	562.83	562.83	0.00	84.85	0	647.68	0	0
OCT	381.93	3.63	378.30	378.30	0.00	142.46	0	520.76	0	0
NOV	441.14	4.09	426.17	426.17	0.00	11.59	0	437.76	0	0
DEC	423.99	4.13	430.74	430.74	0.00	19.56	0	450.30	0	0
<b>TOTAL</b>	<b>4,926.12</b>	<b>46.93</b>	<b>4,893.03</b>	<b>4,542.84</b>	<b>359.82</b>	<b>1,494.66</b>	<b>0.00</b>	<b>6,387.69</b>	<b>0.00</b>	<b>0.00</b>

Source of SJC releases in reporting month. Includes conveyance losses.

Month	Total Release (AF)	ABIQUIU		
		City of Santa Fe (AF)	Santa Fe County (AF)	Club at Las Campanas (AF)
JAN	383.35	383.35	0.00	0.00
FEB	349.51	349.51	0.00	0.00
MAR	373.88	346.37	0.00	27.37
APR	178.75	93.42	0.00	85.41
MAY	491.46	399.41	0.00	92.41
JUN	427.50	307.54	0.00	120.28
JUL	425.22	397.13	0.00	28.09
AUG	496.68	496.68	0.00	0.00
SEP	552.71	552.71	0.00	0.00
OCT	381.93	381.93	0.00	0.00
NOV	441.14	441.14	0.00	0.00
DEC	423.99	423.99	0.00	0.00
<b>TOTAL</b>	<b>4,926.12</b>	<b>4,573.19</b>	<b>0.00</b>	<b>353.55</b>

**Buckman Direct Diversion Monthly SJC and Native Diversions**

**December 2013**

Month	Total SJC Release (AF)	SJC Conveyance Losses (AF)	Total SJC Available at BDD (AF)	SJC Diversion, SP-2847-E (AF)	SJC Diversion, SP-2847-N-A (AF)	Total Native Rio Grande Diversion SP-4842 (AF)	Release of SJC in Elephant Butte (AF)	Total BDD Surface Diversion (all permits)	SJC from SP-2847-E used to offset Buckman Wells RG-20516 (AF)	SJC from SP-2847-N used to offset Buckman Wells RG-20516 (AF)
JAN	439.04	4.24	441.79	441.79	0	44.09	0	485.88	0	0
FEB	261.03	2.47	257.94	257.94	0	10.49	0	268.42	0	0
MAR	353.69	3.30	343.57	343.57	0	75.66	0	419.23	0	0
APR	680.73	6.34	661.33	661.33	0	89.47	0	750.80	0	0
MAY	1045.27	9.88	1030.46	1030.46	0	22.86	0	1053.32	0	0
JUN	817.91	7.85	818.00	734.56	83.44	260.03	0	1078.03	0	0
JUL	606.85	5.90	614.73	397.47	78.83	0.00	0	476.30	83.70	54.73
AUG	108.68	0.91	95.34	41.68	36.91	0.00	0	78.59	5.58	11.18
SEP	136.77	1.43	149.29	63.86	53.76	0.00	0	117.61	25.36	6.32
OCT	255.24	2.46	256.53	213.87	42.66	72.92	0	329.45	0	0
NOV	196.45	1.88	195.50	187.02	8.48	117.33	0	312.83	0	0
DEC	293.76	2.63	274.19	274.19	0.00	12.25	0	286.44	0	0
<b>TOTAL</b>	<b>5195.42</b>	<b>49.29</b>	<b>5138.67</b>	<b>4647.73</b>	<b>304.07</b>	<b>705.09</b>	<b>0.00</b>	<b>5656.89</b>	<b>114.64</b>	<b>72.23</b>

**Source of SJC releases in reporting month. Includes conveyance losses.**

Month	Total Release (AF)	ABIQUIU		
		City of Santa Fe (AF)	Santa Fe County (AF)	Club at Las Campanas (AF)
JAN	439.04	439.04	0	0
FEB	261.03	261.03	0	0
MAR	353.69	353.69	0	0
APR	680.73	680.73	0	0
MAY	1045.27	1045.27	0	0
JUN	817.91	729.30	0	88.60
JUL	606.85	473.27	0	133.58
AUG	108.68	65.21	0	43.47
SEP	136.77	83.87	0	52.90
OCT	255.24	211.15	0	44.09
NOV	196.45	186.31	0	10.15
DEC	293.76	293.76	0	0.00
<b>TOTAL</b>	<b>5195.42</b>	<b>4822.62</b>	<b>0.00</b>	<b>372.79</b>

**Buckman Direct Diversion Monthly SJC and Native Diversions**

**December 2012**

Month	Total SJC Release SP-2847-E (AF)	Conveyance Losses (AF)	Total SJC Available at BDD Diversion (AF)	Total SJC Diversion SP-2847-E (AF)	Total Native Rio Grande Diversion SP-4842 (AF)	Release of SJC in Elephant Butte (AF)	Total BDD Surface Diversion SP-2847-E plus SP-4842 (AF)	SJC used to offset Buckman Wells RG-20516 (AF)
JAN	448.09	4.06	447.00	411.56	5.02	0	416.59	35.44
FEB	210.29	1.97	216.94	208.13	32.21	0	240.34	8.81
MAR	335.75	2.94	323.61	312.85	59.21	0	372.06	10.76
APR	528.63	4.72	519.90	519.90	108.61	0	628.51	0.00
MAY	660.18	6.24	651.05	651.05	145.51	0	796.55	0.00
JUN	722.36	6.79	692.21	692.21	120.92	0	813.12	0.00
JUL	152.03	2.23	191.75	157.16	0.00	0	157.16	34.60
AUG	86.08	0.58	60.90	60.90	239.96	0	300.87	0.00
SEP	637.17	6.05	630.92	630.92	110.07	0	740.99	0.00
OCT	747.21	7.14	744.87	744.87	50.82	0	795.69	0.00
NOV	479.19	4.63	482.65	482.65	120.91	0	603.56	0.00
DEC	442.67	4.17	434.71	434.71	119.44	0	554.15	0.00
<b>TOTALS</b>	<b>5449.67</b>	<b>51.53</b>	<b>5396.51</b>	<b>5306.90</b>	<b>1112.67</b>	<b>0.00</b>	<b>6419.57</b>	<b>89.61</b>

**Source of SJC Releases in reporting month. Includes conveyance losses.**

Month	Total Release (AF)	HERON		EL VADO		ABIQUIU	
		CITY	COUNTY	CITY	COUNTY	CITY	COUNTY
JAN	448.09	0.00	0.00	0.00	0.00	448.09	0.00
FEB	210.29	0.00	0.00	0.00	0.00	210.29	0.00
MAR	335.75	0.00	0.00	0.00	0.00	335.75	0.00
APR	528.63	0.00	0.00	0.00	0.00	528.63	0.00
MAY	660.18	0.00	0.00	0.00	0.00	660.18	0.00
JUN	722.36	0.00	27.21	0.00	0.00	695.15	0.00
JUL	152.03	0.00	21.42	0.00	0.00	130.61	0.00
AUG	86.08	0.00	0.00	0.00	0.00	86.08	0.00
SEP	637.17	0.00	0.00	0.00	0.00	637.17	0.00
OCT	747.21	0.00	0.00	0.00	0.00	747.21	0.00
NOV	479.19	0.00	0.00	0.00	0.00	479.19	0.00
DEC	442.67	0.00	0.00	0.00	0.00	442.67	0.00
<b>TOTALS</b>	<b>5449.67</b>	<b>0.00</b>	<b>48.63</b>	<b>0.00</b>	<b>0.00</b>	<b>5401.04</b>	<b>0.00</b>

*Note: Grey fields indicate revisions to previous monthly report*

## **Drought, Monsoon/El Nino, and ESA Update**

As the Committee/Board is aware, our region has suffered through a prolonged drought, lasting over four consecutive years of record drought, heat, and wildfires – albeit drought conditions have eased lately due to the reappearance of a strong El Nino. Recent model runs indicate the probability of a much wetter and cooler than normal fall and winter (95% chance of strong El Nino through early spring). All models surveyed predict El Niño to continue into the Northern Hemisphere through early spring 2016, and all multi-model averages predict a peak in late fall. However, the models also indicate the probable return of drier conditions by summer 2016, which could present significant challenges to all water purveyors, water utilities, and irrigators going forward. Regional reservoir levels on the Rio Grande and Chama Rivers are still low but rising. The City has received about 93% of normal firm yield through October 1<sup>st</sup> of this year; however, there were no deliveries in August and September. If the active precipitation pattern continues it is possible that the City could receive 100% of normal firm yield by the end of the year. There are no water-related Endangered Species Act (ESA) updates. Updates on endangered species issues will be made as needed.

### **SJCP Reservoir Storage as of October 15, 2015:**

#### **Heron:**

4,855 AF (2015 SJCP must be vacated by December 31, 2015 unless BoR waiver is approved to extend the deadline into 2016.)

#### **El Vado:**

4,604 AF (Temporary storage, will be moved to Abiquiu as part of environmental winter flow releases)

#### **Abiquiu:**

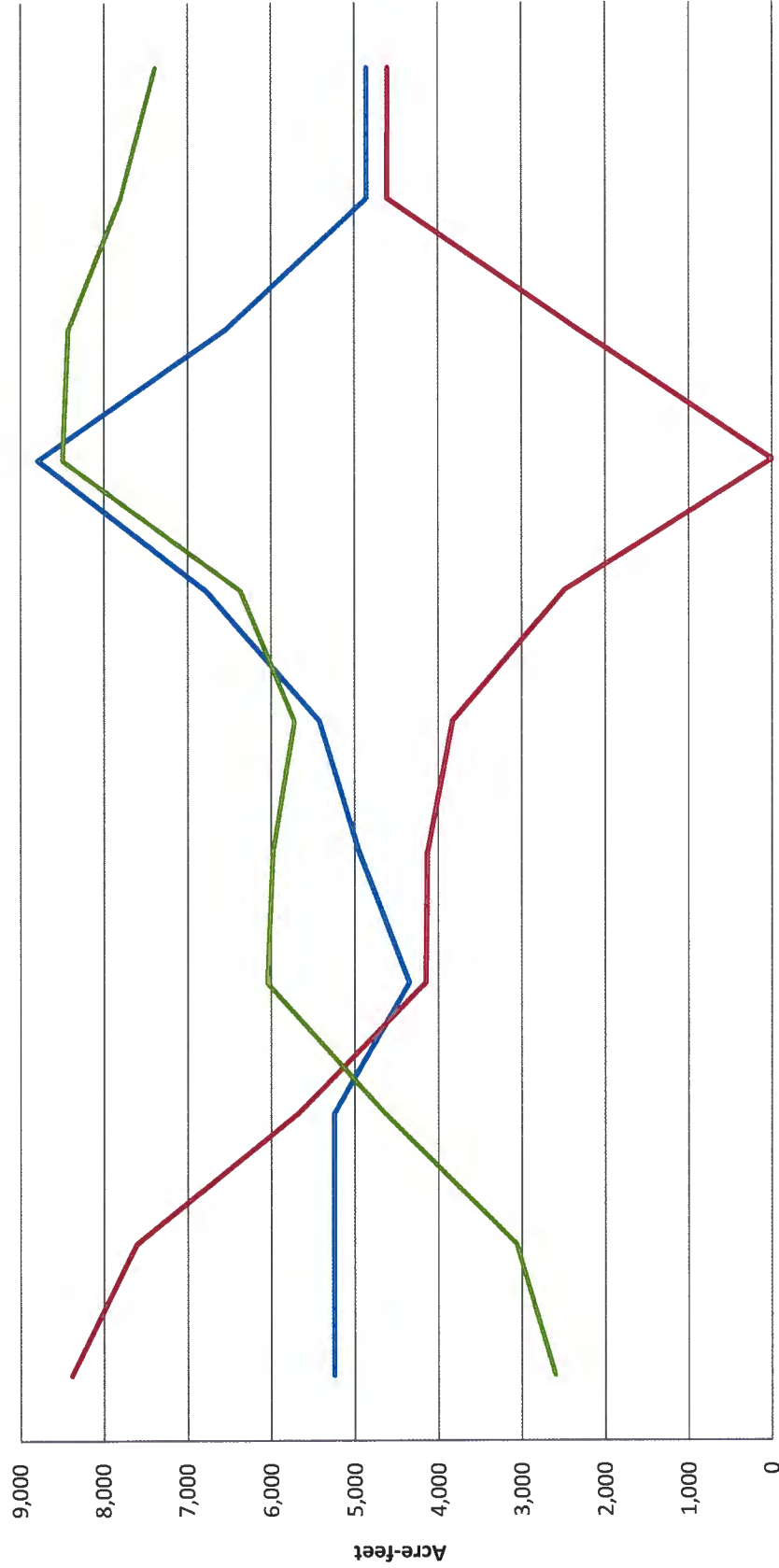
7,393 AF SJCP carry-over from previous years, no time limit to vacate due to storage agreement with ABCWUA (includes LA County pool)

#### **TOTAL:**

16,852 AF

# City of Santa Fe 2015 San Juan Chama Project Storage

— Heron  
— ElVado  
— Abiquiu



	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
Heron	5,250	5,250	5,250	4,350	4,948	5,426	6,785	8,797	6,547	4,855	4,855
ElVado	8,386	7,611	5,679	4,154	4,131	3,827	2,486	0	2,339	4,613	4,604
Abiquiu	2,599	3,066	4,644	6,051	5,982	5,723	6,372	8,498	8429	7806	7393
Totals	16,235	15,927	15,573	14,555	15,061	14,976	15,643	17,295	17,315	17,274	16,852







Buckman Direct Diversion

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## Memorandum

**Date:** November 5, 2015  
**To:** Buckman Direct Diversion Board  
**From:** Mackie Romero, BDD Financial Manager *mm*  
**Subject:** 1<sup>st</sup> Quarter Financial Statements

### Purpose:

This memo is intended to update the BDD Board and its partners on our 1<sup>st</sup> Quarter financial position as of September 30, 2015.

**Budget Overview** – A financial plan that quantifies our current and future operations.

- Beginning Budget – FY15/16 Adopted Budget.
- Expended – Expenses for services and/or goods received as of 09/30/2015.
- Encumbrances – Executed purchase orders for goods and services.
- Projected – Projected salary and benefits as currently staffed, pending requisitions and or contracts to be executed within the fiscal year.
- Available Balance – Represents vacancy savings and uncommitted budget balance as of 09/30/2015.

**90 Day Cash Reserve Credit** – Represents the partners cash reserve credit, which is used to fund current and future obligations as per the BDD Working Capital and Billing Policy.

**Cash Balance** – Cash receipts held by the fiscal agent, to pay current and future obligations.

**Fixed & Variable Costs** - Expenses billed and/or pending billing to partners for services and/or goods received as of September 30, 2015.

**Outstanding Accounts Receivables** - Represents the dollar amount owed by each partner as of September 30, 2015 for the monthly reimbursement bills.

**Other Funds** - Major Repair and Replacement & Emergency Reserve Fund monthly contributions.

BDD will continue to provide quarterly updates with useful financial information to provide the highest level of transparency to our partners and the board.

If you feel any additional information should be included in our report, please contact me.





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## 1<sup>st</sup> Quarter Financial Statement – Operations (Unaudited 07/01/2015-9/30/2015)

### Budget Overview

CATEGORY	BEGINNING BUDGET	EXPENDED 1st Quarter	ENCUMB Thru 09/30/2015	PROJECTED EXPEND	TOTAL	BALANCE AVAILABLE
Salaries & Benefits	3,193,949	440,734	-	2,257,980	2,698,714	495,235
Electricity	1,378,000	227,336	1,150,664	-	1,378,000	-
Chemicals	250,000	53,699	-	190,000	243,699	6,301
Solids	86,800	53,240	-	33,000	86,240	560
Materials & Supplies	618,461	49,794	214,879	148,462	413,135	205,326
Other Operating Costs	1,212,790	223,416	498,248	249,000	970,664	242,126
Fiscal Agent Fees	67,400	22,467	-	44,933	67,400	-
<b>TOTAL</b>	<b>6,807,400</b>	<b>1,070,686</b>	<b>1,685,502</b>	<b>2,923,375</b>	<b>5,857,852</b>	<b>949,548</b>

### 90-Day Cash Reserve Credit

	Balance
City of Santa Fe	1,203,087
Santa Fe County	408,335
Las Campanas	42,929
	<b>1,654,350</b>

### Cash Balance

	Balance
Cash at 9/30/2015	<b>1,133,424</b>

### Fixed Cost (Pending billing) - Operations

	1st Quarter	July	August	September
City of Santa Fe	729,944	151,192	302,432	276,320
Santa Fe County	301,041	92,088	108,802	100,150
Las Campanas	39,702	11,144	15,405	13,152
	<b>1,070,686</b>	<b>254,425</b>	<b>426,639</b>	<b>389,622</b>

### Variable Cost (Pending billing) - Operations

	1st Quarter	July	August	September
Variable Expenses	337,335	178,199	159,136	-
	<b>337,335</b>	<b>178,199</b>	<b>159,136</b>	<b>-</b>

### \*Outstanding Accounts Receivable

	Balance
City of Santa Fe	-
Santa Fe County	-
Las Campanas	-
	<b>-</b>



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**1<sup>st</sup> Quarter Financial Statement – Other Funds (Cumulative)**  
**(Unaudited 07/01/2015-9/30/2015)**

**Pre-Bills – Major Repair & Emergency Reserve Funds**

	<b>Total</b>	<b>City of SF</b>	<b>SF County</b>	<b>Las Campanas</b>
<b>Major Repair Fund</b>	411,804	291,840	106,162	13,802
	<b>411,804</b>	<b>291,840</b>	<b>106,162</b>	<b>13,802</b>

**Financial Position**

	<b>Emergency Reserve</b>	<b>Major Repair</b>
<b>Balance at 06/30/2015</b>	<b>1,560,121</b>	<b>1,235,428</b>
<b>* Yearly Billings Pending</b>	441,459	411,804
<b>Total</b>	<b>2,001,580</b>	<b>1,647,232</b>
<b>Target Balance</b>	<b>2,000,000</b>	<b>1,647,232</b>

\* Emergency Reserve Fund have reached its funding target, per the established policy.

**\*Outstanding Accounts Receivable**

	<b>Balance</b>
<b>City of Santa Fe</b>	-
<b>Santa Fe County</b>	-
<b>Las Campanas</b>	-
	-





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## Memorandum

**Date:** October 6, 2015  
**To:** Buckman Direct Diversion Board  
**From:** Stephanie Lopez, Office Manager *S. Lopez*  
**Via:** Nick Schiavo, Public Utilities Department & Water Division Director *NSA*

### ITEM AND ISSUE:

2016 Buckman Direct Diversion Board Meetings Calendar

### BACKGROUND AND SUMMARY:

The Buckman Direct Diversion Board meetings are normally conducted on the 1<sup>st</sup> Thursday of each month. The meetings are held in the City Council Chambers. The following is the proposed 2016 meeting calendar:

### DATE OF MEETING

Thursday, January 7, 2016 @ 4:30  
Thursday, February 4, 2016 @ 4:30  
Thursday, March 3, 2016 @ 4:30  
Thursday, April 7, 2016 @ 4:30  
Thursday, May 5, 2016 @ 4:30  
Thursday, June 2, 2016 @ 4:30  
Thursday, July 7, 2016 @ 4:30  
Thursday, August 4, 2016 @ 4:30  
Thursday, September 1, 2016 @ 4:30  
Thursday, October 6, 2016 @ 4:30  
Thursday, November 3, 2016 @ 4:30  
Thursday, December 1, 2016 @ 4:30

### RECOMMENDED ACTION:

For your approval.

