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

## Date: September 17, 2014

To: Buckman Direct Diversion Board
From: Michael Dozier, Interim Chief Operator BDD
Re: $\quad$ Update on BDD Operations for the month of September 2014

1. This memo is intended to update the BDD Board on BDD operations during the current month of September. BDD diversions and deliveries have averaged, in Million Gallons Daily (MGD) as follows:
a) Raw water diversions: 8.421 MGD Average
b) Finished Drinking water deliveries through Booster Station 4A: 4.673 MGD Average
c) Finished Drinking water deliveries through Booster Station 5A: 2.728 MGD Average
d) Raw water delivery to Las Campanas at BS2A: 13.101 MG Total.
2. The BDD is providing approximately 70 percent of the water supply to the City and County for the month.
3. On Peak Pumping: The BDD has been pumping on peak for a large portion of the month as we are providing some extra to the City/County beyond what we are able to provide off peak. Las Campanas is being kept very full in this difficult time of year. Our total for the month of August so far is 79.95 hours on peak.
4. Please see the following pages from the Monthly report to the Office of the State Engineer (OSE) for accurate information for the month of August 2014 and year to date.
5. Please note all prior years are also included for reference.


## August-14

| BDD Diversion of San Juan-Chama Water | af | mg |
| :--- | :---: | :---: |
| Total SJC water arrived at the BDD diversion site | 479.66 | 156.30 |
| Total SJC diverted at BDD | 479.66 | 156.30 |
| Total SJC available for offsetting depletions under RG-20516. | 0 | 0.00 |


| Total BDD water diverted from all water rights | af | mg |
| :--- | :---: | :---: |
| BDD Current Monthly Total | 575.74 | 187.61 |
| SJC Diversion under Permit SP-2847-E | 479.66 | 156.30 |
| City of Santa Fe | 479.66 | 156.30 |
| Santa Fe County | 0.00 | 0.00 |
| SJC Diversion under SP-2847-N-A (CLCI) | 0.00 | 0.00 |
| Rio Grande native water rights (SP-4842;SFCounty) | 96.07 | 31.31 |


| Metered Diversions under Permit SP-2847-E and SP-4842 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Meter Serial Number | OSE Meter <br> Number | Current <br> Month <br> Meter <br> Reading | Previous <br> Month <br> Meter <br> Reading | Diversion by Meter |  |
|  |  |  |  | ac-ft | mg |
| CC004816000-Diversion | 14113 | 2584.24 | 2441.813 | 437.09 | 142.43 |
| CC004916000-Diversion | 14114 | 2333.858 | 2275.322 | 179.64 | 58.54 |
| CC004A16000-Diversion | 14115 | 2235.015 | $2235.015^{*}$ | 0.00 | 0.00 |
| CC000A16000-Return | 14255 | 258.73 | 245.372 | 40.99 | 13.36 |
| Total Metered Diversions |  |  |  | 575.74 | 187.61 |

Buckman Direct Diversion Monthly SJC and Native Diversions

|  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Month | Total SJC <br> Release <br> (AF) | SJC <br> Conveyance <br> Losses <br> (AF) | Total SJC <br> Available at BDD <br> (AF) | SJC Diversion, SP $2847-\mathrm{E}$ $(\mathrm{AF})$ | SJC <br> Diversion, SP. 2847-N-A <br> (AF) | Total Native Rio Grande Diversion SP4842 (AF) | Release of SJC in Elephant Butte (AF) | Total BDD Surface Diversion (all permits) | SJC from SP-2847-E used to offset Buckman Wells RG20516 (AF) | SJC from SP-2847-N used to offset Buckman Wells RG20516 (AF) |
| JAN | 383.34 | 3.74 | 390.33 | 390.33 | 0.00 | 12.68 | 0 | 403.01 | 0 | 0 |
| FEB | 347.93 | 3.26 | 339.99 | 339.99 | 0.00 | 12.94 | 0 | 352.93 | 0 | 0 |
| MAR | 373.81 | 3.66 | 381.62 | 356.93 | 24.70 | 148.90 | 0 | 530.52 | 0 | 0 |
| APR | 178.56 | 1.69 | 176.59 | 92.27 | 84.32 | 227.41 | 0 | 404.00 | 0 | 0 |
| MAY | 515.88 | 4.84 | 504.52 | 409.48 | 95.04 | 350.69 | 0 | 855.21 | 0 | 0 |
| JUN | 426.88 | 3.95 | 412.04 | 295.26 | 116.78 | 293.45 | 0 | 705.49 | 0 | 0 |
| JUL | 425.28 | 4.14 | 432.02 | 399.62 | 32.40 | 72.26 | 0 | 504.28 | 0 | 0 |
| AUG | 496.68 | 4.60 | 479.66 | 479.66 | 0.00 | 96.07 | 0 | 575.74 | 0 | 0 |
| SEP |  |  |  |  |  |  |  |  |  |  |
| OCT |  |  |  |  |  |  |  |  |  |  |
| NOV |  |  |  |  |  |  |  |  |  |  |
| DEC |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 3148.36 | 29.89 | 3116.79 | 2763.55 | 353.24 | 1214.39 | 0.00 | 4331.18 | 0.00 | 0.00 |

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

|  |  | ABIQUIU |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Month | Total <br> Release <br> (AF) | City of <br> Santa Fe <br> (AF) | Santa Fe <br> County (AF) | Club at Las <br> Campanas <br> (AF) |
| JAN | 383.34 | 383.34 | 0 | 0 |
| FEB | 347.93 | 347.93 | 0 | 0 |
| MAR | 373.81 | 346.36 | 0 | 27.45 |
| APR | 178.56 | 93.15 | 0 | 85.41 |
| MAY | 515.88 | 419.62 | 0 | 96.26 |
| JUN | 426.88 | 307.41 | 0 | 119.47 |
| JUL | 425.28 | 397.24 | 0 | 28.04 |
| AUG | 496.68 | 496.68 | 0 | 0.00 |
| SEP | 0.00 | 0.00 | 0 | 0.00 |
| OCT | 0.00 | 0.00 | 0 | 0.00 |
| NOV | 0.00 | 0.00 | 0 | 0.00 |
| DEC | 0.00 | 0.00 | 0 | 0.00 |
| TOTAL | $\mathbf{3 1 4 8 . 3 6}$ | $\mathbf{2 7 9 1 . 7 4}$ | $\mathbf{0 . 0 0}$ | $\mathbf{3 5 6 . 6 3}$ |

## Buckman Direct Diversion Monthly SJC and Native Diversions

| Month | Total SJC <br> Release <br> (AF) | SJC <br> Conveyance <br> Losses <br> (AF) | Total SJC Available at BDD (AF) | SJC Diversion, SP- $2847-\mathrm{E}$ (AF) | SJC <br> Diversion, SP 2847-N-A <br> (AF) | Total Native Rio Grande Diversion SP4842 (AF) | Release of SJC in Elephant Butte (AF) | Total BDD <br> Surface <br> Diversion (all permits) | SJC from SP-2847-E used to offset Buckman Wells RG20516 (AF) | SJC from SP-2847-N used to offset Buckman Wells RG20516 (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 |
| TOTAL | 5195.42 | 49.29 | 5138.67 | 4647.73 | 304.07 | 705.09 | 0.00 | 5656.89 | 114.64 | 72.23 |

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

|  |  | ABIQUIU |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Month | Total <br> Release <br> (AF) | City of <br> Santa Fe <br> (AF) | Santa Fe <br> County (AF) | Club at Las <br> Campanas <br> (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 | $\mathbf{1 0 4 5 . 2 7}$ | 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 |
| TOTAL | $\mathbf{5 1 9 5 . 4 2}$ | $\mathbf{4 8 2 2 . 6 2}$ | $\mathbf{0 . 0 0}$ | $\mathbf{3 7 2 . 7 9}$ |

## Buckman Direct Diversion Monthly SJC and Native Diversions

December 2012

| Month | Total SJC <br> Release <br> SP-2847- <br> E (AF) | Conveyance <br> Losses <br> (AF) | Total SJC <br> Available at <br> BDD <br> Diversion <br> (AF) | Total SJC <br> Diversion <br> SP-2847-E <br> (AF) | Total Native <br> Rio Grande <br> Diversion SP <br> $4842(A F)$ | Release of <br> SJC in <br> Elephant <br> Butte (AF) | Total BDD <br> Surface <br> Diversion SP- <br> $2847-E$ plus <br> SP-4842 <br> (AF) | SJC used to <br> offset <br> Buckman <br> Wells RG- <br> 20516 <br> (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 |
| TOTALS | 5449.67 | $\mathbf{5 1 . 5 3}$ | $\mathbf{5 3 9 6 . 5 1}$ | $\mathbf{5 3 0 6 . 9 0}$ | $\mathbf{1 1 1 2 . 6 7}$ | $\mathbf{0 . 0 0}$ | $\mathbf{6 4 1 9 . 5 7}$ | $\mathbf{8 9 . 6 1}$ |

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

|  |  | HERON |  | EL VADO |  | ABIQUIU |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Month | Total <br> Release <br> AF) | 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 |
| TOTALS | $\mathbf{5 4 4 9 . 6 7}$ | $\mathbf{0 . 0 0}$ | $\mathbf{4 8 . 6 3}$ | $\mathbf{0 . 0 0}$ | $\mathbf{0 . 0 0}$ | $\mathbf{5 4 0 1 . 0 4}$ | $\mathbf{0 . 0 0}$ |

## MEMORANDUM

TO: City of Santa Fe Public Utilities Committee City of Santa Fe Water Conservation Committee Buckman Direct Diversion Board

## FROM: Rick Carpenter, Water Resources and Conservation Manager

VIA: Nick Schiavo, Public Utilities Department and Water Division Director NSA $^{\text {S }}$
DATE: September 22, 2014

## SUBJECT: $37^{\text {th }}$ Monthly Update on Drought and Water Resource Management

## CURRENT UPDATE - GENERAL WATER RESOURCE MANGEMENT

As the Committee/Board is aware, our region is still suffering through a drought. Our region has gone through three consecutive years of record drought and heat. In fact, recent data suggests that this past summer was the hottest on record (June-August). This fourth consecutive year of drought has eased somewhat, but will still likely present significant challenges to all water purveyors, utilities, and irrigators going forward into the next year.

July yielded good summer rains due to a series of moist northeast cold fronts. August also yielded good rains, and a recent return of a more south to north classic monsoonal flow pattern, But September did not yield as much precipitation as was hoped for (so far). Many models are predicting the likelihood of a return of an El Nino weather pattern ( $70 \%$ chance, but down from $75 \%$, of normal to above normal precipitation) over the next several months and into early winter. This could mean good precipitation for the winter months (snow pack). El Nino seems to be weakening relative to early predictions, but normal to above normal snow pack is still likely this coming winter.

It is worth noting, however, the City of Santa Fe has invested in a robust and diverse portfolio of four distinct water supply sources that allows for flexibility in meeting demand: Buckman well field, City well field, Canyon Road Water Treatment Plant on the Upper Santa Fe River, and the Buckman Direct Diversion on the Rio Grande. Supply from these groundwater and surface water sources are expected to be adequate in meeting local demands.

## LOCAL CONDITIONS

## Source of Supply Utilization Summary

August 2014

| City Wells | $36.94 \mathrm{mg} / \mathrm{m}$ | $107.22 \mathrm{af} / \mathrm{m}$ |
| :--- | ---: | ---: |
| Buckman Wells | $57.99 \mathrm{mg} / \mathrm{m}$ | $177.97 \mathrm{af} / \mathrm{m}$ |
| CRWTP | $76.00 \mathrm{mg} / \mathrm{m}$ | $233.25 \mathrm{af} / \mathrm{m}$ |
| BRWTP | $156.07 \mathrm{mg} / \mathrm{m}$ | $478.96 \mathrm{af} / \mathrm{m}$ |
| Other Wells (Osage, MRC, etc) | $0.18 \mathrm{mg} / \mathrm{m}$ | $0.55 \mathrm{af} / \mathrm{m}$ |

## Upper Santa Fe River/CRWTP

|  | Total <br> Reservoir Level | Combined Fe Snow Gage | Reservoir Inflow |
| :--- | ---: | ---: | ---: |
| July 20, 2014 | $12.20 \%$ | 0.00 inches | 1.42 MGD |
| 5-Year Average for <br> Date $(2009-2013)$ | $49.80 \%$ | 0.00 inches | 4.81 MGD |

As of September 18, total combined storage in Nichols and McClure reservoirs is $12.2 \%$ of total (or about 550 acre-feet of storage). Some flows have been by-passed due to construction on the new intake facilities. Minor nflows are expected to continue for the near future and so the reservoirs have been releasing water to allow for water treatment plant production, active construction, and draining/drying.

## Buckman Regional Water Treatment Plant (BDD)

Flows in the Rio Grande are relatively good, and turbidity has been high at times following rains, but the BDD Project in general has been able to divert water.

## REGIONAL CONDITIONS

## Rio Grande Basin

Surface flows in the Rio Grande and its tributaries through mid-Sept have been good. However, storage levels in regional reservoirs is still very low. A good snow pack this coming winter is essential if there is to be significant carry over storage in regional reservoirs for next high demand season.

UPDATE: Wild Earth Guardians (WEG) has either filed law suits or Notices of Intent (NOI's) against the US Army Corps of Engineers, Bureau of Reclamation, State of Colorado, State of NM, and MRGCD. Other entities continue to contemplate the efficacy of filing as an "intervener" with the Court. The City of Santa Fe, Santa Fe County, and the BDD continue to be
unnamed in the suits/NOI's, although there is some indication that imported SJCP water could become part of future legal proceedings. Updates will be provided by staff as necessary.

Also, on August 14, 2014, the USFWS proposed that the yellow billed cuckoo be listed as an endangered species. This could become an issue since the cuckoo tends to occupy habitat that is similar to flycatcher and silvery minnow riverine habitat, the cuckoo's habitat is broader and more expansive. Updates will be provided by staff as necessary.

## San Juan Basin

It should be stressed that, conditions could significantly worsen for San Juan Chama Project deliveries next year, if the drought persists, due to a lack of carry-over storage in Heron Reservoir and other reservoirs in the system. Heron Reservoir is currently at a very low level.

The Bureau of Reclamation has recently indicated that SJCP deliveries this year will be $85 \%$. Deliveries for August were zero, and likely zero through the rest of the irrigation season, unless there are significant late rains. If deliveries end up for 2014 at $85 \%$ of total firm yield, then that would mark the first time since the inception of the SJCP Project that total firm yield deliveries were not completely met.
II

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

## Memo

Date: September 18, 2014
To: Buckman Direct Diversion Board

From: Daniela Bowman, BDD Regulatory Compliance Officer

## ITEM AND ISSUE:

Informational Update on BDD Environmental Programs Report, $1^{\text {st }}, 2^{\text {nd }}$, and $3^{\text {rd }}$ Quarter 2014.

## NPDES Program

* Regarding BDD renewal application, EPA Region 6 final permit decision was issued on July 29, 2014. EPA Region 6 with the consent of the New Mexico Environment Department are renewing BDD NPDES permit with the effective date of September 1, 2014. Based on the monitoring of the BDD for the last 5 years, the renewed NPDES permit has reduced monitoring conditions, and thus BDD has successfully accomplished a 14-month renewal permit process.
* Required sampling for toxic constituents under the NPDES permit demonstrated that BDD effluent is in compliance with permit conditions.
* EPA conducted a compliance inspection in September, and a couple of issues were identified: downgradient sampling location and turbidity exceedances. BDD staff is working on correcting the issues.


## SDWA Program

* New Mexico Environment Department Drinking Water Bureau had completed their annual sampling of the finished drinking water (samples taken in March and August). The results from the laboratory testing demonstrated that BDD is in full compliance with drinking water standards.
* In addition to the above mentioned testing, BDD have sampled the finished drinking water in June and September and the laboratory results confirmed compliance with drinking water standards (samples taken in June). This sampling for drinking water standards is an additional endeavor not required by the regulations.



## Solid Waste Disposal Program

* By the end of July 2014, BDD has processed 830 tons of solid waste as part of its treatment processes. This constitutes $33 \%$ more than last year's volume of solids ( 626 tons by July '13).
- Waste analyses of the solids demonstrated that disposed solids met the waste limits set for non-hazardous waste, and therefore, BDD is in compliance with its Disposal Management Plan.
* BDD is in a process of revising its Disposal Management Plan to reduce the sampling frequency of the waste disposed at Caja del Rio Landfill. The landfill management has reviewed the revised plan and informally has approved it. BDD had submitted its revised DMP for approval from the regulating agency (NMED SWB).

BDDB \& LANL MOU - Early Notification System and Water Quality Monitoring Program

* The program entered its fourth and last season of monitoring and sampling of the Rio Grande at the BDD intake. BDD purchased two additional automated samplers for this program. Sampling Plan for 2014 season was prepared. To date, BDD staff has sampled 3 storm events and 5 regional events.
* BDD and LANL staff has completed three technical meetings as part of the negotiation of a new MOU. During these meetings important technical issues stemming from the data collected during the previous seasons were discussed.
* BDD and LANL conducted two upper management meetings and discussions on the terms for a new MOU.
* BDD prepared a Request For Proposal (RFP) in order to facilitate the preparation of a report describing the achievements and results of the program for all four seasons of operation. The RFP announcement was posted in the Santa Fe New Mexican and the Albuquerque Journal. A contractor for the RFP has been identified.


## RCRA Waste Disposal Program

* To date, with the exception of the month of June, BDD has maintained its status of Conditional Exempt Small Quantity Generator of hazardous waste.
* In June, BDD successfully disposed of approximately 10,000 lbs of hazardous waste generated as a part of the repair of a leaking storage tank.
- BDD has successfully recycled all used batteries and mercury containing lamps.
* BDD was found in compliance with RCRA regulations during New Mexico Environment Department Hazardous Waste Bureau inspection of the facility in June.


## EPCRA Program

* BDD reported its annual hazardous materials inventory to the local fire department, county emergency management, and DHSEM.
* As part of its emergency prevention plan, BDD met with the local fire department first responders and conducted a tour of the facility.

Buckman Direc: Diversion

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

## Memo

## Date: September 22, 2014

To: BDD Board of Directors
From: Bernardine R. Padilla

Subject: BDD Quarterly Update on Public Relations and Marketing Update

ITEM AND ISSUE: Quarterly Update on Public Relations and the Public Relations and Outreach Plan Overview

## BACKGROUND AND SUMMARY:

We are developing and growing our public relations outreach through a variety of avenues and efforts. The on-board training through June by PK Public Relations, BDD Management, guidance from Laurie Trevizo, Caryn Gross, Rick Carpenter at City Conservation, and Joseph Abeyta- SF City Media Manager, the awareness, participation, growth, and idea implementation.

We have taken the PR plan that was developed by PK Public Relations and tailored it to the needs of the BDD's outreach and PR efforts.

The BDD staff has been encouraged to voice their perspective and ideas regarding marketing efforts for the BDD, and encouraged to participate in outreach events. Marketing begins from the inside out, and the BDD staff are our best ambassadors when promoting the great achievements and best practices at BDD. Our staff takes pride in their work and we welcome the opportunity to showcase the facility through tours, events, discussions and community involvement.


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

September 22, 2014

## Attachment to October PR Memo

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## BDD OUTREACH HIGHLIGHTS

VIP tours: Senator Tom Wirth, Matt Miller (Senator Tom Udail's office), a Texas constituent group (Commissioner Anaya), Texas A\&M Graduate Student, Water Operators Short School, PUC Board, Las Campanas.

Events: Booster Station 2A Solar Array ribbon cutting, Century Bike Ride water tank marketing opp, Community Days, Kids Water Fiesta.
Media: Solar Array article in New Mexican and Journal North, KSWV broadcasts, BDD Website is updated weekly and PR Coordinator is learning WordPress administrative program.

BDD Logo, Slogan, PMS Colors: The BDD logo has been updated with the removal of the word "Project" from the logo indicating the project construction completion. PMS colors for the loge have been determined and graphic standards are being implemented going forward so that the logo and colors will not be compromised nor misrepresented in any print formats. The official BDD slogan is: Erom the Rio to the Tap! Providing water today for Santa Fe's tomorrow to be used on future communications and PR.

PR Plan: The BDD PR Plan has been developed which will guide and assist in the continuous growth of marketing the BDD facility. We are currently addressing the development of the BDDMission, Vision and Values to guide us in our successful daily operations.

Promotional Items: Initial promotional items being distributed to generate brand awareness and association with BDD water treatment. Promo items are shared with tour groups, VIPs, key contacts, school tours and at community events. Two BDD vinyl event banners created. Tablecloth and banners for events will be ordered.

Key Meetings: Elan, Evolve Media, Joe Abeyta - Virtual Tour (Target audiences: Website, schoolseducational, staff training, VIP and key constituents, community groups). The Falland Winter period will focus on more public outreach with educational and relationship-building efforts in the community with the County, Santa Fe organizations and SFPS (Lisa Randall, SFPS Energy \& Water Conservation Mgr.)


## March

Tour: SF Prep \& Seattle Jr. high (River Source Rich Shrader)
March 25
April
Event: SF Children's Water Fiestam $\quad$ A 16 A 17
PR Plan, Training \& Promos: Lynn Komer- PK Public Relations, SFC Conservation team Employee orientation, defensive driving course, employee individual safety trainings

## May

| Tour: Texas A\&M Grad Students |
| :--- |
| Solar Array Event Plan - Karen P.-Positive Energy, Lynn Komer |
| SF Community Days (Shannon) | May 2

## June

Event: Solar Array Ribbon cutting coord. (press release, E-vite, talking points, posters) June 19
All promo items received
KSWV Radio participation (Shannon, Berni) $\quad$ June 26
July
KSWV Radio participation (Rânoly)
July 17
Disaster Social Media Training Emergency Mgmt (Berni)
July 30
Virtual Tour Meetings - ongoing through Fall

## August

PUC Meeting \& Tour onsite August 6
Chama Peak Watershed Tour $\quad$ August 6
KSWV Radio participation (Randy) August 7
NPDES Permit renewal received-website August 15
PR Plan Final and promo item review

## September

NPDES Permit Facility 5 year Certification begins
Las Campanas Tour
UNM Student Sustainability Program Tour; OK on filming by BDD
Meeting: Lisa Randall SFPS Energy, Water Conservation Mgr, SFPS
Tour/Mtg. Chris Sanchez: Children \& Youth Commission opportunities
Tour/Mtg. Terrie Rodriguez Children \& Youth Commission
Sept. 1
Sept. 8
Sept. 26 no date yet

Sept. 19
no date yet
BDD Plant \& Diversion filming- Joe Abeyta
Sept 25-26

October - Upcoming
AWAA Rocky Mountain Training Host Site
October 7-8
Conci Bokum Tour
October 14
SFPS Environmental Sciences Class Tour \& Experiment
October 17
SW Membranes Operators Assoc.,Training Host Site
October 23

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Bucknan Direcl Diversion



## Buckman Direct Diversion





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## Public Relalions and Oulreach Plan



From the Rio to the Tap
Providing water today for Santa Fe's tomorrow.


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The Buckman Direct Diversion Public Relations and Outreach Plan Overview



## SUMMARY

The Buckman Direct Diversion (BDD) Project has been successfully operating and producing high quality drinking water since January of 2011 for Santa Fe City and Santa Fe County. Public Relations and community outreach have been a central strategic component during the design-build and commissioning phases of the project. Previous public relations focused on proactively communicating and maintaining strategic community partnerships with customers and key stakeholders. The BDD Board instructed BDD management to develop the public: relations and outreach plan for greater positive public awareness, and community perception and participation.

The BDD was created to provide a fourth alternative of safe drinking water for the Santa Fe community as the aquifers and reservoirs became depleted. The efficient and consistent delivery of safe water is our main focus. We are diligent on many fronts to protect the quality of the water we process from the Rio Grande and ensure our community's finished drinking water is safe. The BDD staff, and PR communications will ensure that the messages shared to the community will reiterate our confidence that we produce safe, great tasting drinking water, provide high quality treatment processes, are environmentally conscientious, are leaders in treatment technology and will always be forthright in our communications.

BDD public relations shallattain public support by creating positive relationships by keeping lines of communication open with local media and stakeholders through continued asp


The BDD Board expressed strong interest in supporting community-based education in all aspects of water treatment careers. Public education and outreach using effective tools and programs, guided by a detailed outreach strategy, will pique the public's interest and positively shape public perception on our systems and water quality. Moving forward, BDD public relations efforts shall continue to build and encourage efficient program models for students of varying ages. By creating a strong outreach foundation and creating confidence and trust in the quality of our outreach programs, we expect to promote consistent collaboration and increased awareness locally and regionally.

The BDD Public Relations Plan shall provide a framework to involve the community and provide direction and opportunities to educate decision makers about water sources and delivery methods important to them. Positive awareness will encourage positive support for future infrastructure projects. It assures taxpayers and elected officials that funding is wisely spent, attracts positive attention from the media and increases employee morale.

## Goals \& Objectives

## Goals

1. Advancing Planned Projects \& Navigating Emerging Issues

BDD public relations efforts look to seize opportunities and overcome challenges in order to develop positive relations with customers, community leaders, special interest groups, the media, and key partners and organizations. The BDD PR efforts will assist with advancing planned projects, as well as navigating unforeseen, emerging issues from the community or political conditions.

## 2. Increase Awareness About Public's Connection to Water Issues


The BDD outreach strategy shall communicate with the BDD's stakeholders and increase public awareness showing connections between water supply sources, water quality, water delivery, environmental sustainable practices, and the role the $B D D$ plays in regional water issues.
The BDD can be a key avenue to educate stakeholders on unigue water issues affecting New Mexico and Santa Fe's water supply sources, and how the BDD, the public and conservation entities can work together to protect our water resources to ensure an adequate and safe water supply to meet future demands.

Education and outreach programs shall inform our key audiences about various water resources topics ensuring our commitment to protecting public healthand promoting collaboration and awareness on water resources issues.

## 3. Serve as a Leaderin Sustainability/Environmental Leadership (Stewardship)

Public relations efforts shall build awareness and position the BDD as recognized experts in water resource management, environmental leadership (stewardship) and in sustainable energy. Research found $91 \%$ of respondents to a national survey said it was very important for a water utility to be an environmental leader. A majority of residents who think their utility is an environmental leader are willing to pay for initiatives by the utility to protect the environment.

## 4. Investing in Community-based Environmental Science Career Paths

The BDD is committed to investing in all levels of youth education. Teachers, youth leaders, and water treatment staff can help youth gain interests in water related job opportunities in our community. The BDD is a key resource that can empower students through our educational partnerships to take interest in a variety of career paths; such as environmental sciences, engineering, safety or mechanical interests, to name a few. We can support community job and education pipeline efforts to bridge Santa Fe's water treatment workforce gaps.

## 5. Serve as a Water Resource and Delivery Management Demonstration Model

The design, building and commissioning of the BDD required significant public and private collaboration and partnerships. The BDD is a key demonstration water treatment model for
other New Mexico communities to emulate, which showcases exemplary water resource and delivery management strategies and best practices.

## Objectives

To create measurable short and long-term outreach strategies to successfully achieve the plan's goals:

1. Establish a prioritized strategic community outreach framework for both short and longterm implementation.
2. Build awareness and appreciation in the public view, that BDD is a valuable and vital resource for the community's water treatment and delivery system by using successful, appropriate communication tools.
3. Align with the operating strategic goals, annual budget and Emergency Response plans.
4. Participate in select, identified community events that provide messaging and outreach specific to the goals of the BDD.
5. Coordinate and develop targeted partnerships with key public and private entities to maximize visibility of the BDD and its messages.
6. Gain the support of customers, political entities and various key stakeholders to enable the BDD to successfully implement future projects.
Realistic Implementation and Flexibility
Due to variable and limited staffing resources, and budget availability, the public relations plan shall be a prioritized with a phased-in implementation process and should operate on a realistic time frame and schedule.

## Strategy

## Core Messages

To be effective, messaging must be consistent and frequently repeated. The public relations and outreach plan shall communicate important consistent key messages about the BDD in written and visual communication and marketing materials and address unique needs of multiple audiences and situations. Messages shall be transparent and shall avoid technical jargon when appropriate.

## Ensuring Cohesive and Proactive Messaging- Speaking with One Voice

## Board

The BDD is jointly owned and operated by the City of Santa Fe and Santa Fe County. While the City currently serves as the Project Manager as established since 2011, to the extent possible, it is important that messages be developed with as a single voice representing the Buckman Direct Diversion plant or the BDD Board, and not as statements reflecting solely City or County policy positions.

## Staff

The BDD Manager, Public Relations Coordinator and other key departments and staff should coordinate all messages in response to community or constituent inquiries such as: news releases, public reports, collateral marketing materials related to water quality, drought response, environmental sustainability, regionalization, etc. This coordination shall ensure
consistent messaging, compliance with legal agreements as well as avoid technical jargon and personal opinion statements.

Additionally, issues that could be reported publically or involve key partners, including planned or unplanned audits, reports to regulators or key government oversight partners, public inquiries, media inquiries, specialized tours, etc. should be coordinated with the BDD Facility Manager, the Chief Operator and Public Relations Coordinator to identify and seize positive partnership or communication opportunities.

## Branding \& Tagline - Increasing Trust, Support, and Investment

Successful branding builds automatic recognition, trust, support and loyalty among the public or target audiences, and instills a consistent identity, loyalty and consumer comfort, specifically in our utilities operations. Brand awareness increases as multiple communications, recognition of our BDD logoand community presence are used to reinforce the same messages.

The BDD logo was approved by the Board nearly a decade ago and is now becoming familiar and well recognized.

The logo has been updated to, Buckman Direct Diversion without the word "Project", indicating the "project phase" of the construction is completed. A BDD tagline, or slogan, has been determined and will be used on all appropriate forms of communications going forward. It is a 2 part slogan - the main tagline, plus a sub tagline, where we can use both or separate tags as necessary on the website, on marketing materials, brochures, the virtual tour, or any other communications, written or verbal.

## The BDD logo and tagline:



Graphic design standards will be followed for consistent quality branding for use in approved public forums, partnerships, website usage and both internal and external communications.

Approved BDD logos may be used on report documentation, marketing materials or corporate wear by BDD, BDD Board or Public Utilities management. The BDD Logo shall be used for event sponsorship with consent of the PRiCoordinator, Facility Manager or Public Utilities Director, and shall not be misrepresented in any way. Only BDD accepted logo colors may be used with the BDD logo for replication.

## Message Development - Communication Framework

Developing a list of issues and key messages in an appropriate communication framework ensures consistency and provides timely media, customer or constituency anquiry responses. Messages shall be clear, concise and accurate. Communications will include relatable examples and comparisons with limited use of industry jargon. The content messaging will be used as the foundation for any required communications.

Develop a communication framework that includes these key messages and factual supporting data as necessary.


1. Water Quality - Providing Safe Water to Protect Public Health


- Dispel misconceptions about water quality.

- Effectively and repeatedly explain the BDD Water Treatment Process.
- Effectively explain how, when and who formulates drinking water standards.
- Provide transparent and timely water quality reporting in an understandable user-friendly format through the Compliance and water testing staff.


## 2. Water Resources - Sources of Supply and Delivery Methods

- The BDD can work together with Conservation and the public to protect our water resources and ensure an adequate and safe water supply to meet future

- Water supply reliability $\qquad$
- Long-term drought and climate change planning
- Fire Suppression
- Catastrophic Events (Fire, Flooding and Other)


## 3. Environmental Leadership (Stewardship)

- Promote awareness of the BDD's environmental leadership.
- Promote awareness about the balance between the BDD's responsibilities to provide safe and reliable water services and to protect the environment.
- Collaborate with other organizations to support environmental initiatives, specifically City and County initiatives.
- Practice sustainable management to balance needs of water demand and the environment.


## 4. Expertise \& Leader in Water Resource Management \& Service Delivery

- Build awareness and position the BDD as recognized experts.
- Promote the BDD as a demonstration model for regional parties interested in the future of all low moisture, dry desert geographic areas in the Southwest. (Texas A\&M and Aamodt example)


## 5. Supporting \& Investing in Education

- The BDD supports community-based environmental science career pathways through educational partnerships and initiatives at the primary, secondary and

- The BDD is committed to investing in youth education, from primary and secondary educational levels, vocational training, university and professional education at undergraduate and post-graduate levels, and can partner with schools to encourage related career paths.


## Emerging or Trending Issues - Proactive Communication Approach

Taking a proactive message development approach to emerging and trending issues allows the BDD to plan and respond quickly to issues that can easily create misconceptions or inaccurate statements of fact by third parties.
The following issues have been identified as emerging issues requiring development of key messages, including supporting facts or data, aligned with the communication framework.

- Memorandum of Understanding (MOU) between LANL and BDD (Water Quality)
- Habitat Restoration (Environmental Stewardship)
- Aamodt or Pojoaque Valley Regional Water Project (Demonstration Model for Supply Management)
- Extreme Drought Carryover (Water Supply)
- Wastewater Treatment (Water Supply and Water Quality)
- Regionalization and Agency Selection Process
- Emergency Response to Flooding Fire or other Natural Catastrophe (Water Supply, Water Quality)
- Eldorado Construction of Pipelines for Wholesale Delivery


## Crisis Communication

A crisis being any situation that threatens the integrity or reputation of the BDD, that attracts adverse or negative media attention to the BDD, (legal dispute, theft, accident, vandalism, fire, flood, homeland security breach, delay or non-delivery of wholesale water due to uncontrolled circumstances, contamination of raw water supply, water quality issues, sabotage, chemical spill or manmade disaster). Inability to respond in a timely manner or appropriately to a media or public request may also create a crisis situation.

- A basic crisis communication plan should be developed to dovetail the Emergency Response plan. The PR Coordinator can work with the City's Emergency Manager and BDD Safety and Training Coordinator to create a comprehensive plan.


## Target Audiences

The most effective and efficient strategies to achieve education and outreach goals focus on commúnication efforts to community leaders, stakeholder groups and other local organizations. Stakeholders are identified as:

- BDD Castomers
- City and County Staff
- Elementary, Secondary and College Students
- County Water System Associations (50)

- Environmental Civic and Community Leaders and Partners
- Members of Community Planning Groups
- Elected Officials at all Levels of Government
- Media Representatives
- Special Interest Groups

The public has varying levels of background knowledge. The BDD should take targeted approaches on various communications to effectively reach all audiences at varying levels of understanding and education.

- Segment Key Audiences as Decision-Makers, Regulators, and Governmental Partners to identify and craft key messages for each audience.

Establish an email list database by audience segment to provide another avenue of communication.

## Email List

An electronic stakeholder list can provide one and two-way communications for both general updates and critical just-in time informationv An existing $900+$ stakeholder list should be revised and updated withkey segmented audences including:

- City and County Staff
- Regulatory \& Government Partners

- County Water System Associations (50)
- Environmental, Civic and community Leaders and Partners
- Members of Community Planning Groups
- Elected Officials at all Levels of Government
- Media Representatives
- Special Interest Groups
- 


## Outreach Activities

A variety of outreach activities and informational materials are necessary to ensure prospective audiences are familiar with our efforts. Partnering with agencies, nongovernmental organizations, water districts, member organizations, and other stakeholders is a cost-effective method to stretch staff availability at events and share BDD materials.

## Informational Tools

## Delivering the Message - Flexible Communication Toolkit

 Informational materials shall be developed as tools to explain and disseminate information about the BDD. The materials shall be tailored to the interests of multiple audiences and made available in both print and electronic versions. The informational materials can be posted onthe website and available at presentations, tours, community events and all other outreach activities.


Fact Sheets \& FAQS - Message Development
Detailed Fact Sheets \& FAQs will provide clear and consistent messaging for the following communication framework topics as identified in the goals section.

- Water Service and Delivery - including sources of supply, resource management, water treatment and delivery (river to tap).

- Water Quality - including treatment process, LANL pollution protective strategies, personal care products, and water quality standards.
- Sustainability \& Environmental Leadership - including solar, environmental mitigation, and green building (LEED Certification-demonstrating exemplary energy and water efficiencies).

- Connecting Environmental Science to BDD Operations - including an overview of educational opportunities available, such as tours, classroom opportunities and curriculum available from WaterWorks partners and the EPA.
- BDD As Demonstration Model - Design Build Institute of American Design-Build for Innovation award, and Good Housekeep Max D. Summerlot Award for excellence in water system operations, maintenance, management, safety and professionalism.


## Brochures

Easy-to understand brochures shall be developed to provide description of the BDD. Messages and schematics shall include the role the BDD plays in Santa Fe's water supply, watermeserse purification and distribution processes, and to clarify any misconceptions. The brochures shall be made available at events, tours, County and City offices, libraries, community centers or recreational centers.

Tour Handouts \& Presentations
 BDD Tours and educational outreach are highly effective for highlighting expertise in water resource management, water quality protection and demonstration model for environmental and sustainability leadership and environmental science education.
Handouts, maps, treatment schematics and other items shall be created and updated to meet varying levels of background knowledge, including age-appropriate and more technical and substantive message needs.

## Website

The ability of staff to direct inquiries to the website as the primary source for information provides efficient consumer support and outreach efforts.
The website shall be updated to reflect current operating status, not "project phase" status, and shall include all appropriate informational tools for download, including tour handouts, media kits, brochures, presentations and virtual tours.

Timely website postings of all agendas, meeting minutes, recommendations and draft reports provide the public with easy access to information.

Information Card to Increase Email and Stakeholder List
Interest, request or information cards can be developed to allow audiences to provide contact information, indicate level of interest and request type and can be used to build and update the
electronic stakeholder list for future electronic communications, such as newsletters, FaceBook, Twitter and other social media platforms.
 Media Kit
An electronic and downloadable media kit shall be made available on the website to provide the media with public interest facts, figures and information for use in news stories, blogs and articles, The fact sheets can be specialized or tailored as needed for news release topics. News Releases shall be posted on the website the day of submission.

## Presentations

Updated Power Point presentations ensure messages are aligned with completed project messages and the communication framework messaging.
School-age appropriate presentations and schematic graphics shall be developed.


## Virtual Tour of BDD


The BDD also has plans to develop a virtual and interactive tour from the river to the tap using BDD specific graphics, photographs, GoPro video and You Tube video footage as archive for use in commercials, presentations or website clips with the City's Multimedia Manager to coordinate with the scripting, shooting and editing with video contractor.
Aerial drone or land-based GoPro video following the water from river to tap shall be used in creation of the virtual tour. Creating a virtual tour allows students, classes or groups who cannot travel to the BDD easily to learn about the BDD treatment processes from the classroom.

## Banners



General-use logo banners shall be displayed at community and targeted events for branding and image recognition.

Special-use 4-color graphic logo banners shall be created to depict photographic images of river to tap for visual tie-in of surface water treatment and consistency in branding and image recognition at community and targeted events.

## Promotional Give-aways


Promotional items will continue to be purchased for use at community events and fontours as determined by specific event and demographic needs. They will include the logo, and, as space permits, tagline, phone number and/or website address. Items purchased will need to be updated and replenished as budget permits.

- Water Bottles, drink containers; Clear showing BDD water
- Pens, carabiners, hats, recycle bags, notebooks, educational or useful giveaways
- Tablecloths, banners, display canopies, event and display materials and supplies
- Other items as related to water, water treatment, environment or preserving the Rio Grande diversion or restoration.


## City of Santa Fe \& BDD Mobile Water Tank for Events

The BDD mobile water tank shall be used at high-visibility events, such as the Century Bike Ride advertising BDD whenever possible.

## Public Service Announcements for Natural Disaster or Public Health

Public Service Announcements will be developed shouldia natural disaster significantly impact BDD service through the City of Santa Fe Multimedia Department with :30 and :60 second PSAs.


## Social Media

Featured articles, hews releases, photos, videos and other informational tems should be provided to both City and County PIOs for distribution on social media platforms including Facebook, Twitter and Video on Demand (YouTube videos and PSAs).

## Interactive Kiosk

As part of the Environmental Mitigation project, the BDD shall work with Santa Fe High School on an informational interactive kiosk which can be scanned by smart phone and a digital video providing additional information. BDD shall work with the Water Resources \& Conservation Manager to continue with this mitigation project.



## Speakers Opportunities

The BDD has provided speakers for professional associations and conferences. Interested staff can continue to participate in community presentations with Q\&A sessions to educate the community and address any concerns or questions. This opportunity can be open to staff members who speak on topics related to source of supply, water quality, storm water mitigation, environmental stewardship/mitigation, and solar energy.
Speakers Opportunities Target Audiences

- Neighborhood and Homeowners Associations
- Environmental Groups
- Civic and Non-Profit Groups
- Government and Business Groups

Past Presentations

- U.S. Department of State
- Bureau of Educational and Cultural Affairs
- Office of International Visitor Leadership Program (SF Council on Int'I Leadership)
- Leadership Santa Fe
- Real Estate Association / Home Builders Association $\qquad$
- Santa Fe Neighborhood Association
- Chamber of Commerce
- Water \& Law Trade Organizations

Customer Bill Messaging. Public Utilities Customer bill messaging can be included $1 \times$ per year or as needed.

## Glossary

The BDD can provide an online glossary to include definitions of any potentially unfamiliar terms and acronyms for the public.

## Community Outreach

## Events

## Continue participation in the following community events:

- City of Santa Fe Water Conservation Office
- Santa Fe Children's Water Fiesta
- Santa Fe Community College Earth Day - Booth
- City of Santa Fe Community Days - Booth
- Century Bike Ride - Water Tank




## Neighborhood Associations

Neighborhood outreach will be coordinated with the Santa Fe Neighborhood Association to request sharing of educational information with their membership.

## Tours

- The BDD should continue to participate in community events and service projects in partnerships with local environmental organizations.
- Enhance website sign-up
- Contact key school officials and environmental science teachers for school field trips.


## Media Outreach

Create positive media relations and partnerships for dissemination of key information and messaging. Media relations are ongoing and PR shall continue to seek support of local media to reinforce desired messages to target audiences.

## Media Opportunities:



- Designate and train BDD spokesperson(s) as determined by each media request and

- Review BOD packet memos to identify opportunities for positive media coverage topics and to raise red flags for Board talking points.
- The BDD should issue news releases and when appropriate to highlight the following activities:
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- A new BDD action or activity is performed, including milestones,
- A tangible deliverable product or publication is released (such as grant reports, white papers, etc.)
- A new Board member is added, Facility Manager hired, or board election results, committee actions, etc.
- BDD creates an interactive community event, or participates in a notable public event sponsored by a non-BDD organization.
- Response to public information related to BDD.
- Identify and create an "interesting $B D D$ facts and milestones" calendar to generate feature news stories in the local broadcast and print media.
- Meet with editorial boards to generate favorable editorials on issues.
- Develop News Release \& Media Advisory Format \& Approval Protocol.
- Track trending stories and monitor news via free Google Alert monitoring service.
- Develop a downloadable Media Kit on website.
- Notify BDD Board when there has been a news inquiry and provide timely courtesy copies of News Releases and subsequent articles submission.
- Quarterly appearance on the City's weekly radio water interview and SFGTV (able), as well as occasional appearances on the SFCC SFCTV program can be scheduled.
- Submit opinion pieces by the Facility Manager, Board or key staff experts as necessary to reinforce desired message.
- Seek media sponsorship to support BDD generated community events.
- Update the website regularly to reinforce messaging.



## Education Outreach

The BDD is uniquely qualified to provide significant input and expertise to enhance elementary, middle, secondary and college education learning opportunities.

## Elementary School Learning Opportunities


Outdoor Classroom - Field Trip Tours of the BDD
The PR Coordinator shall coordinate with school administrators offering tour availability, typically offered to grades 6 and higher.

## Classroom Presentations

Elementary classes support their water curriculum via the Children's Water Fiesta and Water Conservation Calendar Contest. The BDD may provide water activity resources and expert staff speakers as requested by schools and teachers to all grade levels. The BDD will participate and provide a water fiesta activity at the 2014 Children's Water fiesta.

## High School Learning Opportunities

## Environmental Science - Tours and Outdoor Classroom Presentations

Both Santa Fe High School and Capital High School instruct environmental science classes. Environmental Science teachers shall be invited to tour the facility or may request indoor/outdoor class presentations. The BDD can provide expertise and curriculum guidance to assist SFPS energy and water conservation programs, which includes water supply efficiency and solar energy arrays. Contact: Lisa Randall

## Education Reform - Environmental Sustainability Career Pathways

## Community Partnership Opportunity

SFPS has started a curriculum development and implementation for secondary school education to increase High School graduation rates. Environmental Sustainability has been identified as a viable career pathway. Participation as a partner provides a high-visibility leadership role for the BDD Board and Staff.

- Contact SFPS Administration to explore potential partnership and collaboration support.
- Santa Fe High School Environmental Sustainability Experimental Learning Pilot Program


## Santa Fe Community College - Grow Your Own

## Specialized Training and Certification - A Partnership with Santa Fe Community College

In October 2010, certified operators began a full-time training and internal BDD certification program. The BDD has formed a training partnership with Santa Fe community College (SFCC) to help create ongoing training skills and certification programs for careers with the BDD in water treatment operations. The original intent was to create a 'grow your own' pipeline of interested SFCC graduates who will stay in New Mexico to pursue a career in water systems operation and management.

- Contact SFCC to encourage and generate excitement with the students in the training and certificate program.

Texas A\&M - has demonstrated great interest in the BDD water treatment process as a critical and necessary model for the future of all low moisture, dry desert geographic areas in the Southwest including Texas, and stated that BDD will be included in all graduate study field course trips in the future. and

- Seek opportunities with SFAUD to establish marketing, graphic design, web design opportunities to create a student education comic book, commercial, film or photo contest illustrating "From the River to the Tap, Providing Water Today for Santa Fe's Tomorrow."



## Government Relations Outreach



## Effective Partnership with City \& County Departments

Fostering coordination, collaboration, and communication among local and regional governmental agencies responsible for water-related issues will assist BDD to achieve greater efficiencies, and build public support for vital projects. 4 , whel

- The BDD shall actively partner with the City and County on water-related, Green Team or sustainability issues, including solar and environmental mitigation to provide synergy to inter-department and county/city sustainability-related outreach efforts as applicable.


## State Government Outreach

Memorandum of Understanding (MOU)

- Keep updated key contact lists
- Identify key regulator reporting requirements for issues management.


## National Government

- Identify funding/grants for water projects

- Seek oversight support - DOE \& Congressional support to ensure safe water from LANL



## Trade \& Professional Organizations

Staff time and availability for direct professional organization outreach is limited. The BDD can use trade groups and industry associations to distribute information and continue effective partnerships.



- Develop partnership with County Water Associations (50)
- Utilize existing memberships with the EPA and the American Water Works for free educational materials and for feature article submissions.


## SPECIALIZED VIP TOUR EVENT - Position BDD as Regional Demonstration Model



## Pojoaque Basin Regional Water System (RWS)

The BDD can serve as a visual infrastructure model and provide technical expertise on critical lessons learned for the RWS project. BDD Management and Board tours will showcase the BDD and strengthen relationships with community leaders, intergovernmental agencies and local, state and national elected officials.

Project Background \& Overview
"ry stav The proposed project will divert, treat, transmit, store, and deliver water to Rueblo and nonPueblo residents of the Pojoaque Basin as part of the RWS. The water would be diverted at Pueblo de San IIdefonso. The collected water would then be treated at a water treatment facility and transmitted to storage facilities and stored in tanks and in underground aquifers. The RWS would include facilities to serve the Pueblos of Nambé, Pojoaque, San Ildefonso, and Tesuque, and facilities to serve County water customers in the Pojoaque Basin. Most facilities of the RWS would be joint use for both pueblo and County residents.

## 

Key Participants of the Pojoaque Basin Regional Water System

[^1]
## Other Specialized Tours County Water Customer Systems

There are approximately 50 water systems within the county. Identify key water systems with direct relation to BRWTP for specialized tour. Include City and County Elected Officials.

## Budget

Public Relation program expenses have not been defined in the BDD budget, as this program is new to BDD Operations and therefore the first fiscal year will be needed to determine costs for promotional items, advertising, graphic and web design, educational materials, student experimental supplies, students' interactive learning guides, communication materials such as brochures, flyers, posters, or PR coordinator's trainings. The PR Coordinator will work closely with BDD Financial Manager during the first year to determine an adequate operating budget for this program. Once this has been established a base line budget for PR expenses on all outreach, public relations, and marketing efforts will be accounted for in future budget requests.

## Short and Long Term Prioritization

BDD Staff and management are identifying priority and timeline implementation as the events unfold and as the program develops. The first year will be the template which determines the attainable goals through measurable successful events, results, outreach efforts, positive awareness and public perception. Start-up, everyday, administrative and housekeeping duties will play a role in time management availability. With the excitement of public relations and outreach opportunities shaping up in the public's eye, the necessary office duties, implementation and start up processes must take place in order to build a good foundation for which public relations, general marketing and educational outreach can occur.

## Measurable Results and Reporting

Quarterly summaries of quantitative and qualitative measures shall report current accomplishments and benchmarking for future budget cycles. Additional monthly results shall be recorded, and additional reports may also be presented as needed.

## BDD Program Performance Measures report

Metrics gauges may include:

- Number of onsite tours provided
- VIP meetings and key entity relationship building
- Community and targeted event participation
- Key community and regional partnerships developed
- Promotional item distribution and brand awareness
- Speaking requests opportunities
- Website page views
- Positive press coverage
- Stakeholder list maintenance


[^0]:    *subject to change and additions

[^1]:    *Sovereign Governments (Pueblos) - Governors and Elected Officials
    U.S. Congressional Delegation \& key staff (Senator Udall \& Congressman Lujan)

    NM State Legisiators - SF, Espanola, Pojoaque, Tesuque, Taos and key legislative committee members
    Local Government City and County Elected Officials (Santa Fe, Espanola, Pojoaque, Tesuque, Taos)
    New State Engineer \& Bureau Chief (Scott A. Verhines, P.E.)
    Interstate State Stream Commission (Estevan Lopez)
    RWS BOR \& Key Consultant Representatives
    Regional Coalition of LANL Communities
    New Mexico CAB
    Mutual Domestic Water Consumer Association(s)
    Espanola Basin Technical Advisory Group
    **Hutch at County is the Sovereign Intergovernmental Relations contact. Due to the legal/cultural nuances and on-going ${ }^{\circ} \mathrm{BDD}$ ' Project intergovernmental agreements, it is recommended BDD Project Manager and BDD Board Attorney(s) be in attendance.

