

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

AGENDA
REGULAR MEETING
BOARD OF WATER COMMISSIONERS
 Tuesday, FEBRUARY 16, 2016 – 9:30 a.m.
MARGARET H. CHANDLER WATER RECLAMATION PLANT
399 CHANDLER PLACE
San Bernardino, California

BOARD OF WATER COMMISSIONERS

TONI CALLICOTT
 President

Commissioners
 LOUIS A. FERNANDEZ
 WAYNE HENDRIX
 JUDITH VALLES
 DAVID E. MLYNARSKI



STACEY R. ALDSTADT
 General Manager
 ROBIN L. OHAMA
 Deputy General Manager
 MIGUEL GUERRERO, P.E.
 Director of Water Utility
 JOHN A. CLAUS
 Director of Water Reclamation
 TERRI WILLOUGHBY
 Director of Finance
 JENNIFER L. SHEPARDSON
 Director of Environmental &
 Regulatory Compliance

“Trusted, Quality Service since 1905”

Welcome to a meeting of the Board of Water Commissioners of the City of San Bernardino.

- The City of San Bernardino Municipal Water Department recognizes its obligation to provide equal access to those individuals with disabilities. Please contact the General Manager’s Office (909-384-5191) two working days prior to the meeting for any requests for reasonable accommodation, to include interpreters.
- All documents for public review are on file with the Water Department located on the 5th floor of City Hall, 300 North “D” Street, San Bernardino or may be accessed online at http://www.ci.san-bernardino.ca.us/water/newsalerts/agendas_n_minutes.asp
- Please turn off or mute your cell phone while the meeting is in session.
- Any member of the public desiring to speak to the Board of Water Commissioners concerning any matter not on the agenda, but which is within the subject matter jurisdiction of the Board of Water Commissioners, may address the body at the end of the meeting during the period reserved for public comments. Said total period for public comments shall not exceed forty-five (45) minutes, unless such time limit is extended by the Board of Water Commissioners. A three-minute limitation shall apply to each member of the public, unless such time limit is extended by the Board of Water Commissioners. No member of the public shall be permitted to “share” his/her three minutes with any other member of the public.
- The Board of Water Commissioners may refer any item raised by the public to staff for appropriate action or have the item placed on the next agenda of the Board of Water Commissioners. However, no other action shall be taken nor discussion held by the Board of Water Commissioners on any item which does not appear on the agenda unless the action is otherwise authorized in accordance with the provisions of subdivision (b) of Section 54954.2 of the Government Code.
- Public comments will not be received on any item on the agenda when a public hearing has been conducted and closed.

CALL TO ORDER: _____ a.m./p.m.

Attendee Name	Present	Absent	Late	Arrived
President Toni Callicott				
Commissioner Louis Fernández				
Commissioner Wayne Hendrix				
Commissioner Judith Valles				
Commissioner David E. Mlynarski				
General Manager Stacey Aldstadt				
Deputy General Manager Robin Ohama				
Director of WRP John Claus				
Director of WU Miguel Guerrero				
Director of Finance Terri Willoughby				
Director of ERC Jennifer Shepardson				

OTHERS:

1. CLOSED SESSION: _____ a.m./p.m.

Pursuant to Government Code Section(s):

- A. Conference with legal counsel – existing litigation – pursuant to Government Code Section 54956.9(a): *In Re City of San Bernardino, California*, United States Bankruptcy Court, Central District of California (Riverside), Case No. 6: 12-bk-28006-MJ.
- B. Conference with legal counsel – anticipated litigation – significant exposure to litigation – pursuant to Subdivision (b) (1), (2), (3) (A-F) of Government Code Section 54956.9.
- C. Conference with legal counsel – anticipated litigation – initiation of litigation – pursuant to subdivision (d) (4) of Government Code Section 54956.9.
- D. Conference with legal counsel – personnel – pursuant to Government Code Section 54957.
- E. Conference with legal counsel and security consultant on matters posing a threat to the security of essential public services, including water, drinking water, and wastewater treatment pursuant to Government Code Section 54957 (a).
- F. Conference with labor negotiator – pursuant to Government Code Section 54957.6(a).

**END OF CLOSED SESSION
RECONVENE MEETING**

CALL TO ORDER: _____ a.m./p.m.

Attendee Name	Present	Absent	Late	Arrived
President Toni Callicott				
Commissioner Louis Fernández				
Commissioner Wayne Hendrix				
Commissioner Judith Valles				
Commissioner David E. Mlynarski				
General Manager Stacey Aldstadt				
Deputy General Manager Robin Ohama				
Director of WRP John Claus				
Director of WU Miguel Guerrero				
Director of Finance Terri Willoughby				
Director of ERC Jennifer Shepardson				

OTHERS:

2. ANNOUNCEMENTS BY MEMBERS OF THE BOARD OF WATER COMMISSIONERS:
3. CONSENT CALENDAR

MOTION: That the motions indicated by consent calendar items 3A through 3G be adopted, except for _____.

MOTION: _____ SECONDED: _____

A. WAIVE FULL READING OF RESOLUTIONS

MOTION: That full reading of the resolutions on the regular or supplemental agendas of the Board of Water Commissioners be waived.

B. PAYROLL

MOTION: Approve the payroll for the pay period January 25, 2016 through February 7, 2016.

C. CONTRACTS AND BILLS

MOTION: Approve the payment of contracts and bills to be presented at this meeting.

D. MINUTES

MOTION: Approve the minutes of the meetings of February 2, 2016 of the Board of Water Commissioners.

- E. PERSONNEL ACTION – PROMOTION: Antonio Dupre, Water/Water Reclamation Worker, Range 124, to the position of Water Utility Worker I, Range 132, ratify effective February 8, 2016. This position is in the budget and based on the needs and staffing for this section, the position is still justifiable under the budget.

MOTION: Approve the Personnel Action as submitted.

- F. RESOLUTION NO. 879: A RESOLUTION OF THE BOARD OF WATER COMMISSIONERS OF THE CITY OF SAN BERNARDINO RECOGNIZING STEVEN LEDBETTER FOR MORE THAN THIRTY YEARS OF DEDICATED SERVICE TO THE CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT.

MOTION: That Resolution No. 879 be adopted as submitted.

- G. RESOLUTION NO. 880: A RESOLUTION OF THE BOARD OF WATER COMMISSIONERS OF THE CITY OF SAN BERNARDINO RECOGNIZING ELEANOR CARUSO FOR MORE THAN EIGHTEEN YEARS OF DEDICATED SERVICE TO THE CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT.

MOTION: That Resolution No. 880 be adopted as submitted.

END OF CONSENT CALENDAR

4. ADDITIONS TO THE AGENDA: (if any) in accordance with Section 54954.2 (b) (2) of the Government Code (Brown Act), a two-thirds vote (or a unanimous vote if less than two-thirds are present) is required to add an item for action provided that there is a need to take immediate action and that the need for action came to the attention of the agency after the agenda was posted.

MOTION: Approve an additional item(s) to be added to the agenda in accordance with Government Code Section 54954.2(b) (2).

MOTION: _____ SECONDED: _____

5. APPROVAL TO QUITCLAIM AN EXISTING EASEMENT LOCATED NORTHWEST OF THE CORNER OF PALM AVENUE AND INDUSTRIAL PARKWAY: The San Bernardino Municipal Water Department (Department) was contacted by Shartsis Friese LLP on behalf of their client 5959 Palm Avenue Investors LLC, a Delaware Limited Liability Company (Developer), requesting that all Grantor's reserved easement rights in that certain deed from the Muscoy Water Company to Inland Properties Inc. be released. The easement is located on two (2) parcels identified as APN 0266-041-82 and APN 0266-041-083, near the northeast corner of Palm Avenue and Industrial Parkway.

The Department previously received all rights to Muscoy Water Company through acquisition of the San Bernardino Water Utilities Corporation. The Department currently owns and operates water pipelines in both Palm Avenue and Industrial Parkway with frontage along the referenced parcels; therefore the easement is no longer required.

MOTION: Approve the request from 5959 Palm Avenue Investors LLC, a Delaware Limited Liability Company to have the Department's reserved easement Quitclaim within the property known as APN 0266-041-082 and 0266-041-083; and authorize the Secretary to submit the Quitclaim Deed to the Mayor and Common Council for approval and recordation.

MOTION: _____ SECONDED: _____

6. REPORT ON WATER DEPARTMENT INVESTMENTS – QUARTER ENDING DECEMBER 31, 2015: Staff recommends that the Board of Water Commissioners receive and file the Investment Report for the quarter ending December 31, 2015.
(INFORMATION ITEM ONLY)

7. JANUARY 2016 DROUGHT MONITORING REPORT: This report continues to monitor and track the effects of the ongoing drought by monitoring groundwater levels in select wells located in the Department's service area. The Board implemented Stage IIA extreme mandatory restrictions as a result of the State Water Resources Control Board (SWRCB) emergency regulations. **(INFORMATION ONLY)**

8. REPORTS:

A. Report of the President:

B. Report of the Commissioners:

C. Report of the Directors:

D. Report of the General Manager:

9. PUBLIC COMMENTS ON ITEMS NOT ON THE AGENDA:10. ADJOURNMENT: The meeting adjourned at _____ a.m./p.m.

NOTE: The next regular meeting of the Board of Water Commissioners is scheduled for *9:30 a.m., March 1, 2016* in the Margaret H. Chandler Water Reclamation Plant Conference Room, 399 Chandler Place, San Bernardino, California, 92408.

MINUTES
 BOARD OF WATER COMMISSIONERS
 OF THE CITY OF SAN BERNARDINO

REGULAR MEETING
 February 2, 2016
 Water Reclamation Plant Conference Room
 399 Chandler Place
 San Bernardino, California
 9:30 a.m.

The Regular Meeting of the Board of Water Commissioners of the City of San Bernardino was called to order by Vice President Valles at 9:30 a.m. on February 2, 2016 in the Water Reclamation Conference Room, 399 Chandler Place, San Bernardino, California.

ROLL CALL: Roll call was taken by the Secretary with the following being present: Vice President Valles; Commissioners Fernández, Hendrix, and Mlynarski; staff Aldstadt, Ohama, Claus, Guerrero, Shepardson, and Willoughby; Henry Empeño, City Attorney’s Office; Steven Graham, City Attorney’s Office; Patrick Sanchez, Sr. Business Systems Analyst; Amy Smith, Executive Secretary.

Absent: President Callicott

Members of the Public: James Morales, East Valley Water District
 Jennifer Farr, Davis Farr LLP

1. CLOSED SESSION: None
2. ANNOUNCEMENTS BY MEMBERS OF THE BOARD OF WATER COMMISSIONERS: None
3. CONSENT CALENDAR: Upon motion by Commissioner Mlynarski, duly seconded by Commissioner Valles, it was voted to approve the following Consent Calendar, Agenda Items 3A through 3E3:

A. WAIVE FULL READING OF RESOLUTIONS: Waive full reading of the resolutions on the regular or supplemental agendas of the Board of Water Commissioners.

B. PAYROLL

	<u>Water Fund</u>	<u>Sewer Fund</u>	<u>Total</u>
Claims: 267719-267940			
Accounts Payable	\$675,827.22	\$767,247.45	\$1,443,074.67
Gross Payroll: 12/28/15-01/10/16	<u>250,298.24</u>	<u>186,736.67</u>	<u>437,034.91</u>
TOTALS	<u>\$926,125.46</u>	<u>\$953,984.12</u>	<u>\$1,880,109.58</u>

Payroll for the pay period January 11, 2016 through January 24, 2016.

- C. CONTRACTS AND BILLS: Contracts and bills presented at this meeting.
- D. MINUTES: January 19, 2016

E. PERSONNEL ACTIONS:

1. PROMOTION: Daniel Silva, Water Utility Worker I, Range 132, to the position of Water Utility Worker II, Range 138, ratified effective January 25, 2016. This position was in the budget and based on the needs and staffing for this section, the position was justifiable under the budget.
2. PROMOTION: Jamie Yglesias, Water Utility Worker III, Range 142, to the position of Water Utility Lead Worker, Range 148, ratified effective January 25, 2016. This position was in the budget and based on the needs and staffing for this section, the position was justifiable under the budget.
3. PROMOTION: Ildegardo Espinoza, Water Utility Worker I, Range 132, to the position of Water Utility Worker II, Range 138, ratified effective January 25, 2016. This position was in the budget and based on the needs and staffing for this section, the position was justifiable under the budget.

END OF CONSENT CALENDAR

4. ADDITIONS TO THE AGENDA: None.

5. PRESENTATION OF THE RESULTS OF THE FISCAL YEAR 2014-15 AUDIT AND COMPREHENSIVE ANNUAL FINANCIAL REPORT; DAVIS FARR LLP: On February 2, 2016, Jennifer Farr, Partner in the firm of Davis Farr LLP, presented and distributed to the Board of Water Commissioners the annual audit report for the City of San Bernardino Municipal Water Department for the fiscal year ending June 30, 2015. The auditors' opinion was unqualified and reflected our conformity with generally accepted accounting principles.

Upon motion by Commissioner Hendrix, duly seconded by Commissioner Fernández, it was unanimously voted to approve the annual audit report for the City of San Bernardino Municipal Water Department for the fiscal year ending June 30, 2015.

6. CONTRACT NO. 1599 – SPIESS CONSTRUCTION COMPANY, INC. – CHANGE ORDER NO. 9 – UNIT 1 CLARIFIER AND AERATION SYSTEM UPGRADE: In January 2014, the Board of Water Commissioners entered into Contract No. 1599 with Spiess Construction Company, Inc. (SCCI) for the Unit 1 Primary Clarifier and Aeration System Upgrade at the Water Reclamation Plant Project. This project included modifications to the Unit 1 Primary Clarifier, the Unit 1 Aeration Basins, the existing mixed liquor (ML) effluent conveyance system between the Unit 1 Aeration Basins and the Unit 1 Mixed Liquor Splitter Box, electrical and control system modifications, and yard piping modifications.

The basins could not be drained prior to the project's design; therefore, the actual condition and location of existing items in the bays was not fully known. As such, additional work on the project was anticipated.

This project was approved as part of the 2013/2014 Capital Improvements Budget. Change Order No. 9 in the amount of \$23,235.00 was prepared for extra work to be performed by SCCI under Contract No. 1599. The funding source for this Change Order is C.O. 00086 (Budget ID No. 05-200), which currently has an unencumbered balance of \$294,293.20.

Upon motion by Commissioner Hendrix, duly seconded by Commissioner Fernández, it was unanimously voted to approve Change Order No. 9 to Contract No. 1599 with Spiess Construction Company, Inc., in the amount of \$23,235.00. The General Manager was authorized to execute the change order.

7. APPROVAL OF SPECIAL PURCHASE/REFURBISHMENT OF ULTRAVIOLET DISINFECTION SYSTEM COMPONENTS – RIX FACILITY ULTRAVIOLET DISINFECTION SYSTEM REHABILITATION PROJECT (CO-00187) – IRONBROOK UV (A DIVISION OF COLLCORP, INC.):

The Department’s tertiary treatment facility, the Rapid Infiltration and Extraction (RIX) Facility, utilizes an ultraviolet (UV) radiation system as a component of the treatment (specifically, disinfection). The principal role of this system is to inactivate pathogenic microorganisms in the filtered effluent.

This system has been in operation for nearly twenty (20) years. The average life span for this type of equipment is normally fifteen (15) years. Continuous use and weathering caused the system to reach the end of its useful life. There were five (5) channels in operation with a total of fifteen (15) ultraviolet radiation banks, and all of the banks were in need of refurbishment. Much of the hardware, such as the stainless steel cabinets and lamp rack support cages, were reusable as they do not suffer any considerable deterioration.

A quote was solicited from the only company authorized to maintain and supply parts for Fischer & Porter UV disinfection system at the RIX facility. The quote was received from Ironbrook UV (A Division of Collcorp, Inc.) in the amount of \$1,218,325.00.

Staff requested that Board of Water Commissioners approve this purchase as permitted in Policy and Procedure No. 51.030 Purchasing, Part I, Initiation of Purchase Requisition, Subsection H, Special Purchases prior to staff procuring the equipment. This would allow for the timely rehabilitation of the RIX UV disinfection system.

The funding sources for this project were the FY2015/2016 RIX Fund Capital Improvement Project titled RIX - UV System Rehabilitation (C.O. 00187, Budget ID No. 16-207), which had a total of \$280,000 in unencumbered funds and a \$1,200,000 loan from the San Bernardino Valley Municipal Water District.

Upon motion by Commissioner Hendrix, duly seconded by Commissioner Fernández, it was unanimously voted to approve the Special Purchase equipment procurement/refurbishment from Ironbrook UV (A division of Collcorp, Inc.) in the amount of \$1,218,325.00 as outlined in Purchasing Policy 51.030, Part 1, Section H, Special Purchases.

8. AWARD OF CONTRACT – SPECIFICATION NO. 1646 – EPA 109S SITE DEMOLITION, GRADING AND WALL CONSTRUCTION PROJECT:

In accordance with the advertised Notice to Bidders and Specification No. 1646, Five (5) bids were received and opened on December 7, 2015, for Specification No. 1646, “Furnish all labor, equipment, and materials for EPA 109S Site Demolition, Grading, and Wall Construction Project, located in San Bernardino, CA.” The following bids were received:

<u>BIDDER</u>	<u>LUMP SUM BID</u>
IVL Contractors, Inc.	\$92,000.00
Pyramid Building & Engineering, Inc.	\$92,800.00

Roadway Engineering & Contracting, Inc.	\$93,650.00
Trinity Construction	\$105,300.00
DDH Apple Valley Construction	\$120,132.86

Upon motion by Commissioner Fernández, duly seconded by Commissioner Mlynarski, it was unanimously voted to accept the bid of IVL Contractors, Inc., as the lowest responsive, responsible bidder, and award a contract to furnish all labor, equipment, and materials for the EPA 109S Site Demolition, Grading, and Wall Construction Project, located in San Bernardino, CA, in accordance with the following prices, terms and/or conditions as set forth within the bid of IVL Contractors, Inc.:

LUMP SUM: \$92,000.00
 NINETY TWO THOUSAND AND 00/100 DOLLARS

The President and Secretary were authorized to execute the contract. The bid securities will be retained in accordance with the specification.

9. RECOMMENDATION TO TRANSFER FUNDS FROM MT. VIEW AVENUE 12” MAIN EXTENSION (CO 10553) TO GIS APPLICATIONS UPGRADE PROJECT (CO 10736) AND TO AWARD A CONTRACT FOR FY 2015/16 GEOGRAPHIC INFORMATION SYSTEM APPLICATIONS UPGRADE PROJECT TO SPATIAL WAVE, INC. (CO 10736): As a part of its Fiscal Year (FY) 2015/16 Capital Improvement Program, the Department plans to develop additional functions and software tools for its Geographic Information System (GIS). The Department’s GIS incorporates system assets such as pipelines and valves, in addition to other data layers such as parcels, streets, topography and many other attributes. The GIS platform is used for mapping, data management, asset information (such as pipeline age/material), and for tracking development and boundary changes. The GIS is comprised of hardware and software, and each of these elements is updated periodically as technology evolves.

The additional development and integration planned for this year was focused on user tools for the Engineering, Operations, and Water Quality sections, including automation of some report data entry and further development of user dashboards. Spatial Wave, Inc. completed several previous phases of work for the GIS and the Department was satisfied with its performance.

Staff recommended that the Board of Water Commissioners (Board) approve a Professional Services Agreement for the FY 2015/16 Geographic Information Systems Applications Upgrade Project with Spatial Wave, Inc.

The funding source for this project was the FY 2015/16 Water Fund Capital Improvement Budget through the project titled *Water System (GIS) Application Upgrades*. Current year funding was \$120,000.00; this amount was not sufficient to fully fund the project. A budget transfer of \$85,000.00 was requested from Mt. View Avenue 12” Main Extension (CO 10553) to GIS Applications Upgrade Project (CO 10736). The Mt. View Avenue 12” Main Extension project was delayed and will be budgeted in a subsequent fiscal year for construction.

Upon motion by Commissioner Fernández, duly seconded by Commissioner Hendrix, it was unanimously voted to approve a transfer of \$85,000.00 from Construction Order 10553 to

Construction Order 10736; and

Award a contract to Spatial Wave, Inc. in the amount not-to-exceed \$194,845.00. The President and Secretary were authorized to execute the contract to provide GIS Software and Applications services.

10. CLAIMS SETTLEMENTS – QUARTERLY REPORT: In accordance with Policy 20.090 – Claims Handling, the Environmental and Regulatory Compliance Division prepared the Quarterly Claims Settlements Report detailing all claims processed for the period of OCTOBER 2015 through DECEMBER 2015. **(INFORMATION ITEM ONLY)**

11. REPORTS:

A. Report of the President: None

B. Report of the Commissioners: None

C. Report of the Directors: None

D. Report of the General Manager:

1. General Manager Aldstadt reported that First Tee would like to use the property the Department acquired by the San Bernardino Golf Club to help mentor young adults through golf. A proposal will be brought to the Board for consideration at a future Board of Water Commissioners meeting.
2. General Manager Aldstadt reported that the Department’s Environmental Impact Report will be out mid to late February.
3. General Manager Aldstadt reported that she was advised by Chief Jarrod Burguan, acting City Manager, that everyone has to be relocated from City Hall in three (3) to four (4) months due to seismic reasons.

12. PUBLIC COMMENTS: This is the time specified for public comments concerning specific items not on the agenda or matters of general interest. James Morales, East Valley Water District, thanked General Manager Aldstadt for the tour of the Water Reclamation Plant.

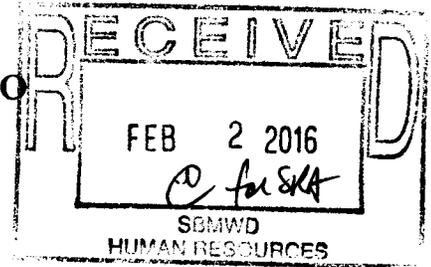
13. ADJOURN MEETING: The meeting adjourned at 10:10 a.m. to the next Regular Meeting to be held on Tuesday, March 1, 2016, at 9:30 a.m. in Margaret H. Chandler Water Reclamation Plant Conference Room, 399 Chandler Place, San Bernardino, California, 92408.

BY: _____
TONI CALLICOTT
President

BY: _____
ROBIN L. OHAMA
Deputy City Clerk & Ex-Officio Secretary

CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT

BOARD OF WATER COMMISSIONERS
STAFF REPORT



TO: Stacey R. Aldstadt
FROM: Miguel J. Guerrero
SUBJECT: PERSONNEL ACTION – PROMOTION OF ANTONIO DUPRE TO WATER UTILITY WORKER I (SECTION 3021)
DATE: February 2, 2016
COPIES: Tim Connor, Sally Duran, Human Resources

BACKGROUND:

The SBMWD Board of Water Commissioners approved an increase for the Fiscal Year 2015/2016 budget for a Water Utility Worker I position in Water Utility Distribution Service and Repair (Section 3021). The first selection interviews were conducted on December 9, 2015 by Tracy Rayner, John Horner, and Jamie Yglesias. The second selection interviews were conducted on January 21, 2016 by Tim Potter, Jason Berg, and Kristina Hernandez for the position of Water Utility Worker I. This position is in the budget. I have reviewed the needs of and staffing for this section and believe, based on those, that the position is still justifiable under the budget. The panel is recommending the promotion of Antonio Dupre to fill this position.

RECOMMENDATION:

Staff recommends that the Board of Water Commissioners make the following motion:

Ratify the promotion of Antonio Dupre from Water/Water Reclamation Worker, Range 124, to the position of Water Utility Worker I, Range 132, effective February 8, 2016.

Respectfully submitted,

A handwritten signature in black ink, appearing to be "M. Guerrero".

Miguel J. Guerrero, P.E.
Director, Water Utility

MJG:jgt

RESOLUTION NO. 879

A RESOLUTION OF THE BOARD OF WATER COMMISSIONERS OF THE CITY OF SAN BERNARDINO RECOGNIZING STEVEN LEDBETTER FOR MORE THAN THIRTY YEARS OF DEDICATED SERVICE TO THE CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT.

FEB 9 2016

WHEREAS, Steven Ledbetter first entered into employment as an Equipment Mechanic I on January 21, 1985; and

WHEREAS, Steven achieved many promotions during his tenure, from Water Utility Engineering Technician II to Water Utility Engineering Technician III, Water Utility Engineer, and lastly Water Utility Construction Project Manager; and

WHEREAS, Steven consistently demonstrated the ability to address complex and challenging issues effectively; and

WHEREAS, Steven coordinated the completion of several projects and was commended for his extensive knowledge of water facilities design and construction and for his ability to provide cost-saving recommendations, and identify opportunities to design or build facilities more effectively; and

WHEREAS, Steven obtained a Water Distribution Operator D4 Certificate, a Water Distribution Operator D5 Certificate, a Water Treatment Operator T3 Certificate, and has received numerous safety and professional training certifications; and

WHEREAS, Steven formally retired from the City of San Bernardino Municipal Water Department on December 1, 2015.

NOW, THEREFORE, BE IT RESOLVED that the Board of Water Commissioners of the City of San Bernardino Municipal Water Department hereby commends Steven Ledbetter for his dedicated service to the City of San Bernardino Municipal Water Department and wishes him a long and rewarding retirement.

BE IT FURTHER RESOLVED that this Resolution be presented to Steven Ledbetter.

I HEREBY CERTIFY that the foregoing resolution was duly adopted by the Board of Water Commissioners of the City of San Bernardino at a regular meeting thereof, held on the 16 day of February, 2016.

Toni Callicott, President

Judith Valles, Commissioner

Louis A. Fernández, Commissioner

Wayne Hendrix, Commissioner

David Mlynarski, Commissioner

RESOLUTION NO. 880

A RESOLUTION OF THE BOARD OF WATER COMMISSIONERS OF THE CITY OF SAN BERNARDINO RECOGNIZING ELEANOR CARUSO FOR MORE THAN EIGHTEEN YEARS OF DEDICATED SERVICE TO THE CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT.

FE - 9 2016

WHEREAS, Eleanor Caruso first entered into employment as a Typist Clerk II on January 21, 1997; and

WHEREAS, Eleanor was reclassified to Records Management Coordinator, and lastly as Technical Assistant; and

WHEREAS, Eleanor served as President of the Water Department Employees Association and represented the Water Department as a member of the San Bernardino Employee Recognition Committee; and

WHEREAS, Eleanor led by example by approaching all tasks with a positive and enthusiastic attitude; and

WHEREAS, Eleanor received several commendations for exceptional performance and for her abundant knowledge and skills with the Maximo computer program; and

WHEREAS, Eleanor formally retired from the City of San Bernardino Municipal Water Department on December 28, 2015.

NOW, THEREFORE, BE IT RESOLVED that the Board of Water Commissioners of the City of San Bernardino Municipal Water Department hereby commends Eleanor Caruso for her dedicated service to the City of San Bernardino Municipal Water Department and wishes her a long and rewarding retirement.

BE IT FURTHER RESOLVED that this Resolution be presented to Eleanor Caruso.

I HEREBY CERTIFY that the foregoing resolution was duly adopted by the Board of Water Commissioners of the City of San Bernardino at a regular meeting thereof, held on the 16 day of February, 2016.

Toni Callicott, President

Judith Valles, Commissioner

Louis A. Fernández, Commissioner

Wayne Hendrix, Commissioner

David Mlynarski, Commissioner

CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT

RECEIVED
FEB - 9 2016
5:00
COMMUNICATIONS

BOARD OF WATER COMMISSIONERS
STAFF REPORT

TO: Stacey R. Aldstadt, General Manager
FROM: Miguel J. Guerrero
SUBJECT: APPROVAL TO QUITCLAIM AN EXISTING EASEMENT LOCATED NORTHWEST OF THE CORNER OF PALM AVENUE AND INDUSTRIAL PARKWAY
DATE: February 4, 2016
COPIES: Greg Gage (w/o attach), Sydney Morrison (w/attach), Sally Duran (w/attach)

BACKGROUND:

The San Bernardino Municipal Water Department (Department) was contacted by Shartsis Friese LLP on behalf of their client 5959 Palm Avenue Investors LLC, a Delaware Limited Liability Company (Developer). The Developer requested that all Grantor's reserved easement rights in that certain deed from the Muscoy Water Company to Inland Properties, Inc. be released. The easement that was reserved for Muscoy Water Company and recorded on July 21, 1948 in Book 2265; page 120 Official Records of San Bernardino County (see attached Exhibit B) was provided to the Department for review. The easement is located on two (2) parcels identified as APN's 0266-041-82 and 0266-041-083, near the northeast corner of Palm Avenue and Industrial Parkway.

The Department previously received all rights to Muscoy Water Company through acquisition of the San Bernardino Water Utilities Corporation. The Department, acting by and through the Board of Water Commissioners, acquired the San Bernardino Water Utilities Corporation through a Final Order of Condemnation Case No. 214933 on December 1982. The Department currently owns and operates water pipelines in both Palm Avenue and Industrial Parkway with frontage along the referenced parcels; therefore the easement is no longer required.

Engineering staff has reviewed the Quitclaim Deed document submitted and found it to be acceptable for recordation. If the Developer's request to quitclaim the easement is approved by the Board of Water Commissioners, the Department will submit the quitclaim document to the Development Services Department for consideration by the Mayor and Common Council.

Stacey R. Aldstadt, General Manager

Page 2

February 4, 2016

**SUBJECT: APPROVAL TO QUITCLAIM AN EXISTING EASEMENT LOCATED
NORTHWEST OF THE CORNER OF PALM AVENUE AND INDUS-
TRIAL PARKWAY**

RECOMMENDATION:

It is recommended that the Board of Water Commissioners consider the following motions for approval:

- **Approve the request from 5959 Palm Avenue Investors LLC, a Delaware Limited Liability Company to have the Department's reserved easement Quitclaim within the property known as APN 0266-041-082 and 0266-041-083; and authorize the Secretary to submit the Quitclaim Deed to the Mayor and Common Council for approval and recordation.**

Respectfully submitted,



Miguel J. Guerrero, P.E.
Director, Water Utility

MJG:MN:aew
Attach.

RECORDING REQUESTED BY AND
WHEN RECORDED MAIL TO:

Shartsis Friese LLP
One Maritime Plaza, 18th Floor
San Francisco, California 94111
Attention: Peter Aitelli, Esq.

(Space above this line for Recorder's use)

Tax Parcel Nos. 0266-041-83 and 0266-041-82

QUITCLAIM DEED

For Valuable Consideration, receipt of which is hereby acknowledged, San Bernardino Municipal Water Department, successor to Muscoy Water Company ("Grantor"), hereby remises, releases and forever quitclaims to 5959 Palm Avenue Investors LLC, a Delaware limited liability company, all of Grantor's right, title and interest in and to all easements and rights of way and water rights reserved in that certain deed from the Muscoy Water Company to Inland Properties, Inc., a California corporation, recorded July 21, 1948, in Book 2265, Page 120, Official Records of San Bernardino County, as affects the property described on the attached Exhibit A attached hereto and made a part hereof (the "Real Property").

Executed as of the ___ day of February, 2016.

GRANTOR:

BY: CITY OF SAN BERNARDINO

Signature

Print Name

Title

Date

**EXHIBIT A
LEGAL DESCRIPTION**

All of that certain real property situated in the City of San Bernardino, County of San Bernardino, State of California, and described as follows:

PARCEL NO. 1:

THAT PORTION OF SECTION 12, TOWNSHIP 1 NORTH, RANGE 5 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, ACCORDING TO THE EXTENSION OF THE LINES OF THE OFFICIAL GOVERNMENT SURVEY, EXTENDED INTO RANCHO MUSCUPIABE, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF THAT CERTAIN PARCEL OF LAND, AS CONVEYED TO THE STATE OF CALIFORNIA BY DEED RECORDED OCTOBER 25, 1955, IN BOOK 3772, PAGE 93, OFFICIAL RECORDS AND DESCRIBED AS PARCEL "C" IN THE ABOVE-MENTIONED DEED, SAID SOUTHWEST CORNER BEGIN ON THE EASTERLY LINE OF PALM AVENUE, 40 FEET WIDE, AS IT NOW EXISTS; THENCE SOUTH 27 DEG. 15' 41" WEST, 598.90 FEET ALONG THE EASTERLY LINE OF PALM AVENUE TO THE INTERSECTION OF THE NORTHERLY LINE OF THE PROPOSED ROAD; THENCE ALONG THE NORTHERLY LINE OF SAID PROPOSED ROAD THE FOLLOWING COURSES AND DISTANCES: SOUTH 38 DEG. 55' 29" EAST, 1383.653 FEET TO A TANGENT CURVE CONCAVE TO THE NORTHEAST, HAVING A RADIUS OF 450 FEET AND A CENTRAL ANGLE OF 61 DEG. 22' 04"; THENCE SOUTHEASTERLY ALONG SAID CURVE, A DISTANCE OF 481.981 FEET; THENCE NORTH 79 DEG. 42' 27" EAST, 354.26 FEET TO A TANGENT CURVE CONCAVE TO THE SOUTH HAVING A RADIUS OF 300 FEET AND A CENTRAL ANGLE OF 61 DEG. 34'; THENCE EASTERLY AND SOUTHEASTERLY ALONG SAID CURVE, 322.362 FEET; THENCE CONTINUING ALONG THE NORTHERLY LINE OF SAID PROPOSED ROAD, SOUTH 38 DEG. 43' 33" EAST, 30 FEET; THENCE LEAVING THE NORTHERLY LINE OF SAID PROPOSED ROAD, NORTH 21 DEG. 25' 53" EAST, 634.652 FEET TO THE SOUTHERLY LINE OF SAID PARCEL "C", AS CONVEYED TO THE STATE OF CALIFORNIA; THENCE ALONG SAID SOUTHEASTERLY LINE NORTH 50 DEG. 24' WEST, 300 FEET TO A POINT IN SAID LINE; THENCE NORTH 51 DEG. 30' 32" WEST, 465.09 FEET; THENCE NORTH 89 DEG. 51' 28" WEST, 695.51 FEET; THENCE NORTH 35 DEG. 56' 13" WEST, 488.48 FEET; THENCE NORTH 42 DEG. 19' 06" WEST, 497.92 FEET TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT PORTION CONVEYED TO THE STATE OF CALIFORNIA BY DEED RECORDED AUGUST 20, 1958, IN BOOK 4582, PAGE 507, OFFICIAL RECORDS, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF THAT CERTAIN PARCEL OF LAND, AS CONVEYED TO THE STATE OF CALIFORNIA BY DEED RECORDED OCTOBER 25, 1955, IN BOOK 3772, PAGE 93, OFFICIAL RECORDS OF SAID COUNTY, AND DESCRIBED AS PARCEL "C" IN THE ABOVE-MENTIONED DEED, SAID SOUTHWEST CORNER BEING ON THE EASTERLY LINE OF PALM AVENUE, 40 FEET WIDE, AS IT NOW EXISTS; THENCE ALONG THE SOUTHWESTERLY LINE OF SAID PARCEL "C", SOUTH 42 DEG. 19' 08" EAST, 32.02 FEET; THENCE SOUTH 61 DEG. 23' 07" WEST, 53.48 FEET TO SAID EASTERLY LINE OF PALM AVENUE, DISTANT ALONG SAID EASTERLY LINE SOUTH 27 DEG. 15' 41" WEST, 55.44 FEET FROM THE POINT OF BEGINNING; THENCE ALONG SAID EASTERLY LINE NORTH 27 DEG. 15' 41" EAST, 55.44 FEET TO THE POINT OF BEGINNING.

ALSO EXCEPTING THEREFROM THAT PORTION CONVEYED TO GLENN HAGEN ENTERPRISES, A PARTNERSHIP, BY DEED RECORDED AUGUST 26, 1963, IN BOOK 5977, PAGE 887, OFFICIAL RECORDS, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF THAT CERTAIN PARCEL OF LAND, AS CONVEYED TO THE STATE OF CALIFORNIA BY DEED RECORDED OCTOBER 25, 1955, IN BOOK 3772, PAGE 93, OFFICIAL

RECORDS AND DESCRIBED AS PARCEL "C", SAID SOUTHWEST CORNER BEING ON THE EASTERLY LINE OF PALM AVENUE, 40 FEET WIDE, AS THE SAME NOW EXISTS; THENCE ALONG THE SOUTHERLY LINE OF SAID PARCEL "C", SOUTH 42 DEG. 19' 06" EAST, 174 FEET; THENCE SOUTH 27 DEG. 40' 03" WEST, PARALLEL WITH EASTERLY LINE OF SAID PALM AVENUE, 255.44 FEET; THENCE NORTH 42 DEG. 19' 06" WEST, PARALLEL WITH SAID SOUTHERLY LINE OF PARCEL "C", 174 FEET TO A POINT IN THE EASTERLY LINE OF SAID PALM AVENUE; THENCE NORTHERLY ALONG THE EASTERLY LINE OF PALM AVENUE, 255.44 FEET TO THE POINT OF BEGINNING.

ALSO EXCEPTING THEREFROM THAT PORTION CONVEYED TO THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA, A PUBLIC CORPORATION, BY DEED RECORDED NOVEMBER 5, 1971, IN BOOK 7789, PAGE 503, OFFICIAL RECORDS, DESCRIBED AS FOLLOWS:

SAID PARCEL OF LAND BEING THAT PART OF SAID CERTAIN PORTION LYING SOUTHEASTERLY OF A LINE WHICH IS PARALLEL WITH AND DISTANT NORTHWESTERLY 40 FEET, MEASURED AT RIGHT ANGLES, OR RADIALLY, FROM THE FOLLOWING DESCRIBED SURVEY LINE:

IN THE FOLLOWING DESCRIPTION ALL CURVES ARE TANGENT TO THE STRAIGHT LINES WHICH THEY JOIN:

BEGINNING AT A POINT ON THE NORTHEASTERLY LINE OF LOT 61 OF THE SEMI-TROPIC LAND AND WATER COMPANY SUBDIVISION IN SAID COUNTY AND STATE, AS PER PLAT RECORDED IN BOOK 6 OF MAPS, PAGE 12, IN THE OFFICE OF THE RECORDER OF SAID COUNTY, SAID POINT BEING DISTANT ALONG SAID NORTHEASTERLY LINE, NORTH 53 DEG. 46' 31" WEST, 330.74 FEET FROM THE MOST EASTERLY CORNER OF SAID LOT 61; THENCE NORTH 89 DEG. 11' 10" EAST, 127.92 FEET; THENCE NORTH 84 DEG. 40' 18" EAST, 2351.46 FEET TO THE BEGINNING OF A CURVE CONCAVE NORTHWESTERLY AND HAVING A RADIUS OF 580 FEET; THENCE NORTHEASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 58 DEG. 40' 34", AN ARC DISTANCE OF 593.97 FEET; THENCE NORTH 25 DEG. 59' 44" EAST, 6375.03 FEET TO THE BEGINNING OF A CURVE CONCAVE SOUTHEASTERLY AND HAVING A RADIUS OF 3,020 FEET; THENCE NORTHEASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 42 DEG. 36' 47", AN ARC DISTANCE OF 2246.09 FEET; THENCE NORTH 68 DEG. 36' 31" EAST, 6002.79 FEET TO THE BEGINNING OF A CURVE CONCAVE SOUTHEASTERLY AND HAVING A RADIUS OF 520 FEET; THENCE NORTHEASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 11 DEG. 06' 40", AN ARC DISTANCE OF 100.84 FEET; THENCE NORTH 79 DEG. 43' 11" EAST, 907.26 FEET TO THE BEGINNING OF A CURVE CONCAVE NORTHWESTERLY AND HAVING A RADIUS OF 480 FEET; THENCE NORTHEASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 9 DEG. 18' 32", AN ARC DISTANCE OF 77.99 FEET; THENCE NORTH 70 DEG. 24' 39" EAST, 1383.05 FEET TO A POINT ON THE CENTER LINE OF KENDALL DRIVE, 80 FEET WIDE, DISTANT THEREON SOUTH 58 DEG. 07' 14" EAST, 192.02 FEET FROM THE NORTHWESTERLY TERMINUS OF THAT CERTAIN COURSE DESCRIBED IN DEED RECORDED MAY 29, 1943, IN BOOK 1602, PAGE 224, OFFICIAL RECORDS, IN THE OFFICE OF SAID RECORDER, AS HAVING A BEARING AND DISTANCE OF NORTH 57 DEG. 20' WEST, 6993.00 FEET.

ALSO EXCEPTING THEREFROM THAT PORTION LYING WITHIN PARCEL MAP NO. 14577, AS PER PLAT RECORDED IN BOOK 174 OF PARCEL MAPS, PAGE(S) 18 AND 19, RECORDS OF SAID COUNTY.

PARCEL NO. 2:

THAT PORTION OF SECTION 12, TOWNSHIP 1 NORTH, RANGE 5 WEST, IN THE RANCHO MUSCUIABE, COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL GOVERNMENT SURVEY, EXTENDED INTO SAID RANCHO, DESCRIBED AS FOLLOWS:

BEGINNING AT THE EASTERLY TERMINUS OF THAT CERTAIN COURSE DESCRIBED AS: "NORTH 89 DEG. 51' 27" WEST, 695.51 FEET" IN PARCEL "C" OF DEED TO THE STATE OF CALIFORNIA, RECORDED OCTOBER 25, 1955, IN BOOK 3772, PAGE 93, OFFICIAL RECORDS; THENCE ALONG THE LINES OF SAID

PARCEL "C": (1) NORTH 89 DEG. 51' 27" WEST, 695.51 FEET; AND (2) NORTH 35 DEG. 56' 13" WEST, 298.48 FEET; THENCE (COURSE "A") NORTH 85 DEG. 11' 40" EAST, 453.68 FEET; THENCE (COURSE "B") SOUTH 56 DEG. 05' 21" EAST, 504.39 FEET TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM ALL MINERALS, OILS, GASES AND OTHER HYDROCARBONS BY WHATSOEVER NAME KNOWN THAT MAY BE WITHIN OR UNDER SAID PROPERTY, BUT WITHOUT; HOWEVER, THE RIGHT TO DRILL, DIG OR MINE THROUGH THE SURFACE THEREOF, AS RESERVED IN THE DEED FROM THE STATE OF CALIFORNIA RECORDED JUNE 3, 1964, IN BOOK 6162, PAGE 97, OFFICIAL RECORDS.

APN: 0266-041-82-0-000 (Affects Parcel 2 and portion of Parcel 1) and 0266-041-83-0-000 (Affects portion of Parcel 1)

EXHIBIT B

BOOK 2265 PAGE 120

INDEXED
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RECORDED AT REQUEST OF
PIONEER TITLE INS. & TRUST CO.

JUL 21 1948 at 9 A.M.
BOOK 2265 PAGE 120
OFFICIAL RECORDS
San Bernardino County, Calif.
TED H. CARLNTLICK, Recorder

-: D E E D :-

MUSCOY WATER COMPANY,
a California corporation,

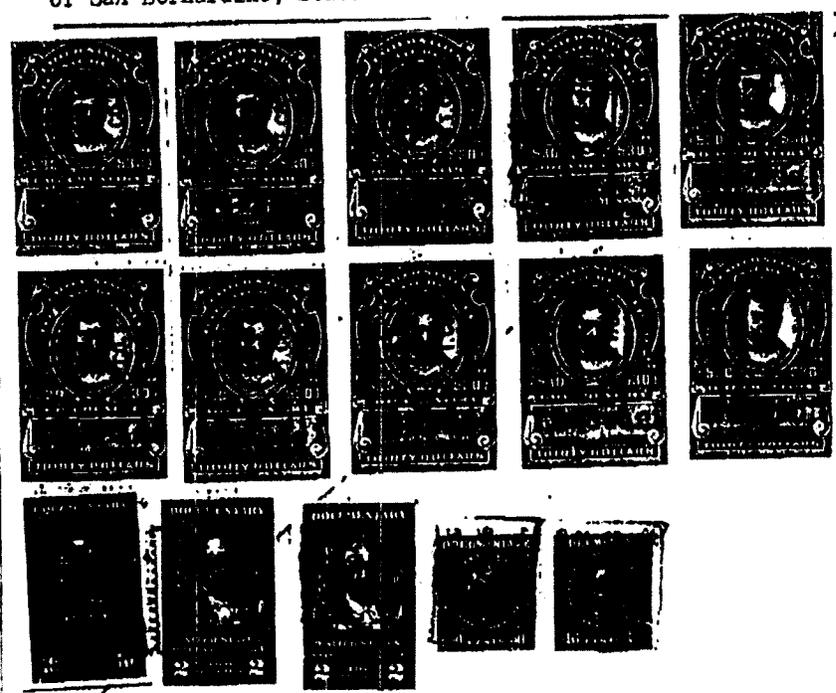
F. B. ...

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the first party, hereby GRANTS to

INLAND PROPERTIES, INC.,
a California corporation,

the second party, all that real property situated in the County
of San Bernardino, State of California, described as follows:



X
M-I-R

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DESCRIPTION

All those portions of Blocks 62, 58, 52, 42, 43, 44, 45, 46 and those un-numbered lots adjoining Block 45 on the West and Block 45 on the East, of the lands of the IRVINGTON LAND AND WATER COMPANY, according to Map thereof recorded in Book 1 of Records of Survey at Page 32 thereof; San Bernardino County Records, said tract being also shown upon Map recorded in Book 1 of Maps, at page 9 thereof, San Bernardino County Records; and also positions of Sections 18 and 19, Township 1 North, Range 4 West, and Sections 20 and 23, Township 1 North, Range 5 West, of the SAN BERNARDINO RAILROAD, in the County of San Bernardino, State of California, according to the extension of the lines of the Official Government Survey extended into the Muscupiabe Rancho, more particularly described as follows:

BEGINNING at the center line intersection of Kendall Drive and Palm Avenue as said intersection is shown upon a Record of Survey recorded in Book 1 of Records of Survey at page 56 thereof, San Bernardino County Records; thence Southwesterly along the center line of said Palm Avenue, South 27° 44' West to the intersection of said center line with the Southerly boundary line of the said Irvington Land and Water Company Subdivision; and to that certain center line point described in Deed recorded in Book 368 of Deeds, at page 161 thereof, San Bernardino County Records, said point being distant 472.37 feet North 87° 46' West along the said Southerly boundary line from the Northeast corner of a certain portion of the Muscupiabe Rancho known as and named the Baldin or Loomis Tract as recited in said Deed recorded in Book 368 of Deeds at Page 161 thereof, San Bernardino County Records; thence continuing on the Southerly prolongation of Palm Avenue as recited in said Deed, South 27° 44' West, to an intersection with the Easterly boundary line of the Atchison, Topeka and Santa Fe Railway Company as said right of way is described in Book 50 of Deeds, at Page 19 thereof, and Book 518 of Deeds, at Page 284 thereof, both San Bernardino County Records; thence Southwesterly along said Easterly right of way line in accordance with documents recorded in Book 50 of Deeds, at Page 19 thereof, Book 518 of Deeds, at Page 284 thereof, Book 132 of Deeds, at Page 260 thereof, and Book 554 of Deeds, at Page 335 thereof, all San Bernardino County Records, to a point thereon distant 3456.10 feet from the intersection of said Easterly right of way line with the Easterly line of said Section 19, said point of intersection being distant Northerly 1095.57 feet from the Southeast corner of said Section 19, said last mentioned point being also the Southwesterly corner of that certain parcel described in Deed recorded in Book 1735 of Official Records, at Page 356 thereof, San Bernardino County Records; thence North 70° 07' 18" East along the Northwesterly boundary line of said parcel, 996.95 feet to the Southwesterly corner of an easement 15 feet in width granted to the San Bernardino County Flood Control District by Easement Deed recorded in Book 1761 of Official Records, at Page 118 thereof, San Bernardino County Records; thence South 50° 52' 40" East, 15.00 feet to a point in the Westerly line of Devil Canyon Road, said point being at the end of a curve having a radius of 680.00 feet and a length of 464.31 feet; thence along the Westerly line of said road the following courses and distances; thence Northerly along the Westerly line of said Devil Canyon Road North 39° 07' 20" East, 402.86 feet to the beginning of a curve to the left having a radius of 680.00 feet and a central angle of 18° 14' 30"; thence along said curve 197.39 feet to the end thereof; thence North 20° 52' 50" East, 1155.07 feet to the beginning of a curve to the right having a radius of 1030 feet and a central angle of 11° 09' 10"; thence along said curve 200.49 feet to the end thereof; thence

Description (continued)

North 32° 02' East, 463.96 feet to the beginning of a curve to the left having a radius of 270.00 feet and central angle of 32° 04' 30"; thence along said curve a distance of 131.15 feet to the end thereof; said end of curve being 20.00 feet westerly of the East line of said Section 12; thence North 0° 02' 30" West, parallel to and 20.00 feet westerly from said East line of said Section 12, a distance of 2799.36 feet, more or less, to a point in the center line of Kendall Drive; thence Northwesterly along the center line of Kendall Drive to the point of beginning.

EXCEPTING therefrom that portion thereof lying within Palm Avenue and Kendall Drive.

ALSO SAVING AND EXCEPTING therefrom the following foot parcels of land:

(a) A portion of Sections 12 and 13, Township 1 North, Range 5 West, SAN BERNARDINO BASE AND MERIDIAN; being a portion of the MUSCUPHARE RANCHO, unsurveyed portion, as recorded in Map Book 7, Page 23, records of San Bernardino County, State of California, and a portion of Blocks 46, 52, 58 and unnamed block of IRVINGTON LAND AND WATER COMPANY'S SUBDIVISION of a portion of the MUSCUPHARE RANCHO, as recorded in Record of Surveys Book 1, Page 32, records of San Bernardino County, State of California, and more particularly described as follows:

BEGINNING at a point on the center line of Kendall Drive, said point being South 57° 49' 19" East, 2726.90 feet from the center line intersection of Palm Avenue and Kendall Drive; thence North 57° 49' 19" West 80.60 feet; thence South 4° 04' 19" East 718.93 feet; thence along a 2065 foot radius curve concave to the left for a distance of 1041.40 feet; thence South 33° 00' 00" East 830.14 feet; thence along 1935 foot radius curve concave to the right for a distance of 2508.53 feet to a point on the Northeastern property line of the Itchipea, Tepoka and Santa Fe Railway Right of Way, said point being South 38° 33' 30" East 2917.04 feet from the intersection of said North easterly Right of Way line and the center line of Palm Avenue; thence South 38° 33' 30" East 197.98 feet; thence North 41° 39' 41" East, 31.42 feet; thence North 17° 35' 36" East, 458.98 feet; thence along a 2070 foot radius curve concave to the right from a tangent bearing North 44° 39' 06" East for a distance of 337.87 feet; thence North 65° 02' 32" West 64.83 feet; thence along a 2065 foot radius curve concave to the left from a tangent bearing North 20° 30' 00" East for a distance of 1928.20 feet; thence North 33° 00' 00" West 830.14 feet; thence along a 1935 foot radius curve concave to the right for a distance of 975.84 feet; thence North 4° 04' 19" West 623.61 feet to a point on the center line of Kendall Drive; thence North 57° 49' 19" West 80.60 feet along said center line of Kendall Drive to the point of beginning; but excluding therefrom all dedeed or dedicated public roads. Containing 15.05 acres, more or less.

(b) A portion of Blocks 43, 44 and 45, and Oregon and Rose Avenues, now vacated, of the IRVINGTON LAND AND WATER COMPANY'S SUBDIVISION of a part of the MUSCUPHARE RANCHO, as recorded in Record of Surveys Book 1, Page 32, records of San Bernardino County, State of California, and more particularly described as follows:

Description (continued)

A strip of land 190 feet in width, boundaries of said strip of land lying parallel to and 120 feet Southeasterly and 70 feet Northwesterly of the following described line:

BEGINNING at a point on the center line of Kendall Drive, said point being North 57° 51' 10" West 1561.98 feet from the intersection of the center line of Kendall Drive and the South line of Section 7, Township 1 North, Range 4 West, San Bernardino Base and Meridian; thence South 32° 08' 50" West 566.21 feet; thence along a curve to the right with a radius of 2100 feet, for a distance of 458.92 feet to a point on the South line of said Section 7, Township 1 North, Range 4 West, San Bernardino Base and Meridian, said point being South 89° 44' 35" West 1909.23 feet from said intersection of said South line of Section 7 and the center line of Kendall Drive. The outside boundary lines of said strip of land shall be prolonged or shortened as required so as to begin and terminate in same lines in which said described line begins and terminates. Excluding therefrom all deduced or dedicated public roads. Containing 4.20 acres, more or less.

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(c) A portion of that portion of the MUSCUPILABE RANCHO, as recorded in Map Book 7, Page 23, records of San Bernardino County, State of California, and lying in Section 18, Township 1 North, Range 4 West, SAN BERNARDINO BASE AND MERIDIAN, as deeded to the Welfare Investment Company and recorded in Deed Book 1662, Page 264 of the County Recorder of San Bernardino County, and more particularly described as follows:

A strip of land 190 feet in width, boundaries of said strip of land lying parallel to and 120 feet Southeasterly and 70 feet Northwesterly of the following described line:

BEGINNING at the Northwesterly corner of Section 18, Township 1 North, Range 4 West, San Bernardino Base and Meridian, as reset by the San Bernardino County Surveyor; thence North 89° 44' 35" East 386.45 feet along the North line of said Section 18 to the Northwest corner of that property described in above mentioned Deed Book 1662, Page 264; thence South 0° 55' 25" East 710.04 feet along the Westerly line of said property to the true point of beginning; thence North 58° 29' 11" East 769.63 feet; thence along a curve to the left with a radius of 2100 feet for a distance of 506.16 feet to a point on the North line of said Section 18, said point being North 89° 44' 35" East 1060.82 feet from said Northwest corner of said property described in Deed Book 1662, Page 264, said point being South 89° 44' 35" East 1909.23 feet from the intersection of the center line of Kendall Drive and the North line of Section 18. Outside boundary lines of said strip of land shall be prolonged or shortened as required so as to begin and terminate in same lines in which said described line begins and terminates. Containing 5.97 acres, more or less.

(d) A portion of Section 18, Township 1 North, Range 4 West, and Section 25, Township 1 North, Range 5 West, SAN BERNARDINO BASE AND MERIDIAN, of the MUSCUPILABE RANCHO, as recorded in Map Book 7, Page 23, records of San Bernardino County, State of California, and more particularly described as follows:

Description (continued)

COMMENCING at the intersection of the center line of Palm Avenue as shown on map of Irvington Land and Water Company's Subdivision, as recorded in Record of Surveys Book 1, Page 32, records of aforesaid San Bernardino County, and the Northeastly property line of the Atchison, Topeka and Santa Fe Railway Right of Way; thence South $38^{\circ} 33' 30''$ East, 6130.44 feet along said Northeastly property line; thence North $17^{\circ} 35' 36''$ East 37.28 feet to the true point of beginning; thence continuing North $17^{\circ} 35' 36''$ East 458.98 feet; thence along a curve to the right whose tangent bearing is North $44^{\circ} 39' 04''$ East with a radius of 2070 feet for a distance of 499.85 feet; thence North $58^{\circ} 29' 11''$ East 246.71 feet to a point on the East line of said Section 13, said point being South $00^{\circ} 25' 05''$ West 874.73 feet from the Northeast corner of said Section 13, as reset by the San Bernardino County Surveyor; thence continuing North $58^{\circ} 29' 11''$ East 474.08 feet to a point on Westerly property line of that property described in Deed Book 1662, Page 264, records of San Bernardino County and Deed to the Welfare Investment Company; said point being South $0^{\circ} 55' 25''$ East 628.72 feet from the Northwest corner of said property described in Deed Book 1662, Page 264; thence South $00^{\circ} 55' 25''$ East 220.72 feet along said Westerly property line; thence South $48^{\circ} 29' 11''$ West 608.47 feet; thence by curve to the left with a radius of 1800 feet for a distance of 522.07 feet; thence South $41^{\circ} 39' 41''$ West 311.12 feet to the true point of beginning. Containing 5.82 acres, more or less.

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AND ALSO EXCEPTING THEREFROM: (1) All surface and subsurface water, whether standing, flowing, or percolating in or under all of said premises and every part thereof; and all waters and water rights of every kind and description in, over, under, across, riparian or appurtenant to said premises and every portion thereof;

(2) An easement to the grantor or grantor's assigns for the purpose of laying, installing, maintaining, repairing, replacing or enlarging water pipe lines over, upon and across said property.

(3) The right of way in, over, upon and across all of said property for laying, constructing, maintaining, enlarging, using, operating and rebuilding pipe, pipe lines, ditches and conduits for water, together with the right to enter upon said premises whether private or public for the purpose of inspecting, repairing, replacing, enlarging or controlling all of the same and the right of way once exercised for any of said purposes shall not be exclusive to the right to exercise it again for the same or similar or other purposes.

SUBJECT TO the lien of current taxes not delinquent, and easements, rights of way, restrictions, and franchises.

IN WITNESS WHEREOF, said first party has caused this instrument to be executed by its officers thereunto duly authorized, and its corporate seal to be hereunto affixed, this 25th day of June, 1948.

SEAL

MUSCOY WATER COMPANY

By [Signature]
Its President

And by [Signature]
Its Secretary

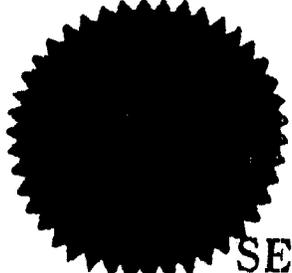
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STATE OF CALIFORNIA, }
City and County of San Francisco }

On this 25th day of June in the year One Thousand Nine Hundred and Forty-eight
before me, MARY A. LAFACHET, a Notary Public, in and for the City and County of San Francisco, personally appeared

G. S. Towle and W. S. Towle
known to me to be the President and the Secretary
of the corporation described in and that executed the within instrument, and also known to me to be the persons who executed the within instrument on behalf of the corporation therein named, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in the City and County of San Francisco, the day and year in this certificate first above written.



SEAL

[Signature]
Notary Public in and for the City and County of San Francisco, State of California.

My Commission Expires October 30, 1949

**CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT
BOARD OF WATER COMMISSIONERS
STAFF REPORT**

TO: Stacey R. Aldstadt, General Manager
FROM: Terri A. Willoughby, Director of Finance
SUBJECT: **REPORT ON WATER DEPARTMENT INVESTMENTS – QUARTER
ENDING DECEMBER 31, 2015**
DATE: February 2, 2016

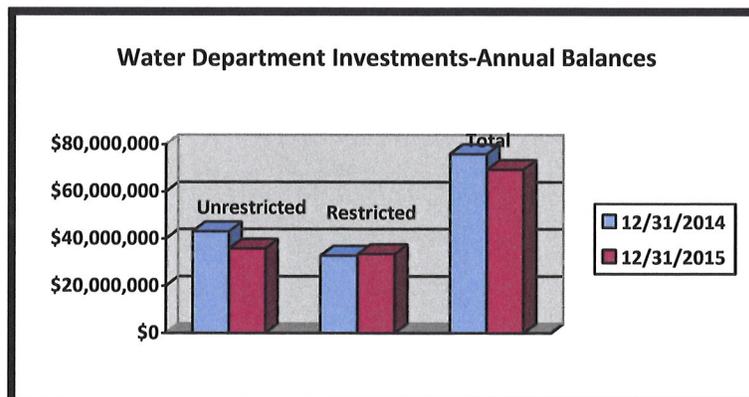
BACKGROUND:

On a quarterly basis, staff provides the Board of Water Commissioners (BOWC) a report regarding the cash and investments of the San Bernardino Municipal Water Department (Department). The Department's cash and investments are held in accounts in the Department's name separate from the City of San Bernardino's (City) cash and investments within the City Treasury.

The Department's checking account is maintained at Wells Fargo Bank, while its investments are held by the California Local Agency Investment Fund and Bank of New York. The assets held in trust by Bank of New York are actively managed by Chandler Asset Management. Consent Decree funds are also held by Bank of New York, but are managed by PFM Asset Management.

The total unrestricted cash and cash equivalents balance of \$12,802,849 indicated in the attached report will be used to meet the Department's current commitments and estimated expenditure requirements for the near future. The market value of unrestricted cash and investments is \$35,852,467 of which \$3,216,869 is held for customer deposits.

The total restricted cash and investment balance of \$33,484,665 consists primarily of consent decree funds, funds collected on behalf of the City for sewer collection, refuse and storm drains, funds collected on behalf of East Valley Water District for improvement to the East Sewer Trunk Line, and reserve funds from the 1998 Sewer Certificates of Participation. The chart below provides a comparison to balances at the same time period in the prior year.



QUARTERLY REPORT ON WATER DEPARTMENT INVESTMENTS

February 16, 2016

Page 2 of 2

Summary:

The Department's investments follow the investment policy recommended by the State of California in keeping with safety, liquidity and yield and comply with the investment policy filed by the City Treasurer with the Mayor and Common Council.

RECOMMENDATION:

Staff recommends that the Board of Water Commissioners receive and file the Investment Report for the quarter ended December 31, 2015.

Respectfully submitted,



Terri A. Willoughby
Director of Finance

Attachments: San Bernardino Municipal Water Department Investment Report
Operating Portfolio (Chandler Asset Management)
Consent Decree Portfolio (PFM)



San Bernardino Municipal Water Department
Investment Report

For the Period Ended December 31, 2015

San Bernardino Municipal Water District
Summary of Cash and Investments
For the Period Ended December 31, 2015

	<u>Book Value</u>	<u>Market Value</u>	<u>Percent of Portfolio</u>	<u>Current Yield</u>
<u>Operating Funds</u>				
Cash and Cash Equivalents:				
Checking Accounts	\$ 17,188,374	\$ 17,188,374	39.07%	0.00%
Cash on Hand	7,200	7,200	0.02%	0.00%
Local Agency Investment Fund	3,748,177	3,748,177	8.52%	0.37%
Total Cash and Cash Equivalents	<u>20,943,751</u>	<u>20,943,751</u>	<u>47.61%</u>	<u>0.07%</u>
Investments (Operating Portfolio):				
Money Market Accounts	214,777	214,777	0.49%	0.01%
Federal Agencies	11,724,836	11,739,371	26.68%	1.38%
Asset Back Securities	1,324,501	1,320,709	3.00%	0.93%
Commercial Paper	489,363	489,363	1.11%	0.40%
Medium-Term Corporate Notes	1,921,038	1,918,463	4.36%	1.43%
U.S. Treasuries	7,381,669	7,366,935	16.75%	1.43%
Total Investments	<u>23,056,184</u>	<u>23,049,618</u>	<u>52.39%</u>	<u>1.34%</u>
Total Operating Funds	<u>43,999,934</u>	<u>43,993,369</u>	<u>100.00%</u>	<u>0.73%</u>
<u>Consent Decree Portfolio</u>				
Certificates of Deposit	1,749,356	1,744,559	8.03%	1.21%
Asset-Backed Security/Collateralized	749,924	745,207	3.43%	1.35%
Money Market Accounts	79,346	79,346	0.37%	0.00%
Federal Agency Mortgage-Backed Securities	1,782,971	1,770,694	8.15%	3.03%
Federal Agency Collateralized Mortgage Oblig.	1,347,266	1,339,564	6.17%	2.08%
Federal Agency Notes/Bonds	4,065,771	4,064,429	18.71%	1.32%
Corporate Notes	6,292,903	6,230,376	28.68%	1.46%
Commercial Paper	-	-	0.00%	0.00%
U.S. Treasury Bonds	5,764,467	5,747,507	26.46%	1.41%
Total Consent Decree Portfolio	<u>21,832,004</u>	<u>21,721,682</u>	<u>100.00%</u>	<u>1.43%</u>
<u>1998 Refunding Sewer COP Trust</u>				
Money Market Accounts	148,331	148,331	4.10%	0.01%
Investment Agreement	3,473,750	3,473,750	95.90%	5.58%
Total 1998 Refunding Sewer COP Trust	<u>3,622,081</u>	<u>3,622,081</u>	<u>100.00%</u>	<u>5.35%</u>
Total Cash and Investments	<u>\$ 69,454,020</u>	<u>\$ 69,337,132</u>		

San Bernardino Municipal Water District
Cash and Investments by Fund
For the Period Ended December 31, 2015

	Market Value		
	Water Fund	Sewer Fund	Total
<u>Unrestricted</u>			
Cash and Cash Equivalents	\$ 7,876,377	\$ 4,926,472	\$ 12,802,849
Investments	2,889,777	20,159,842	23,049,618
Total Unrestricted Cash and Investments	<u>10,766,154</u>	<u>25,086,314</u>	<u>35,852,467</u>
<u>Restricted</u>			
Cash and Cash Equivalents:			
Refuse Fees	191,024	-	191,024
Storm Drain Fees	(7,634)	-	(7,634)
Inland Valley Development Agency Fees	13,720	-	13,720
Sewer Collection System Fees	-	247,859	247,859
SAWPA Fees	-	7,109	7,109
East Valley Trunk Line Fees	-	7,688,823	7,688,823
Total Restricted Cash and Cash Equivalents	<u>197,111</u>	<u>7,943,791</u>	<u>8,140,902</u>
Investments:			
Consent Decree	21,721,682	-	21,721,682
1998 Refunding Sewer COP Trust	-	3,622,081	3,622,081
Total Restricted Investments	<u>21,721,682</u>	<u>3,622,081</u>	<u>25,343,763</u>
Total Restricted Cash and Investments	<u>21,918,792</u>	<u>11,565,872</u>	<u>33,484,665</u>
Total Cash and Investments	<u>\$ 32,684,946</u>	<u>\$ 36,652,186</u>	<u>\$ 69,337,132</u>

Monthly Account Statement

San Bernardino Municipal Water Department

December 1, 2015 through December 31, 2015

Chandler Team

For questions about your account,
please call (800) 317-4747 or
Email operations@chandlerasset.com

Custodian

Bank of New York Mellon
Christy Sheppard
(904)645-1946

Information contained herein is confidential. We urge you to compare this statement to the one you receive from your qualified custodian. Prices are provided by IDC, an independent pricing source.



PORTFOLIO CHARACTERISTICS

Average Duration	2.44
Average Coupon	1.40 %
Average Purchase YTM	1.34 %
Average Market YTM	1.28 %
Average S&P/Moody Rating	AA+/Aaa
Average Final Maturity	2.61 yrs
Average Life	2.51 yrs

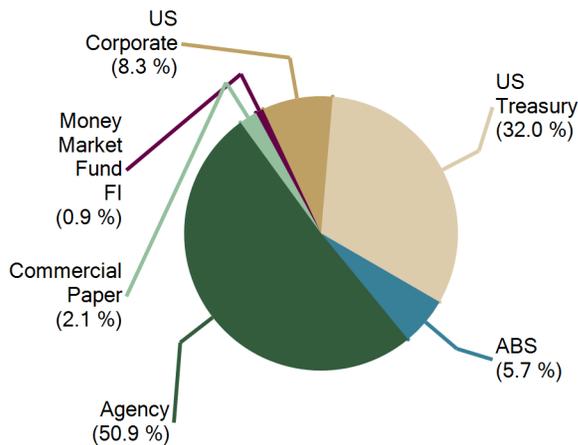
ACCOUNT SUMMARY

	Beg. Values as of 11/30/15	End Values as of 12/31/15
Market Value	23,089,426	23,049,618
Accrued Interest	56,289	68,499
Total Market Value	23,145,715	23,118,117
Income Earned	25,320	25,653
Cont/WD		-1,905
Par	23,035,862	23,059,392
Book Value	23,044,645	23,056,184
Cost Value	23,105,837	23,118,550

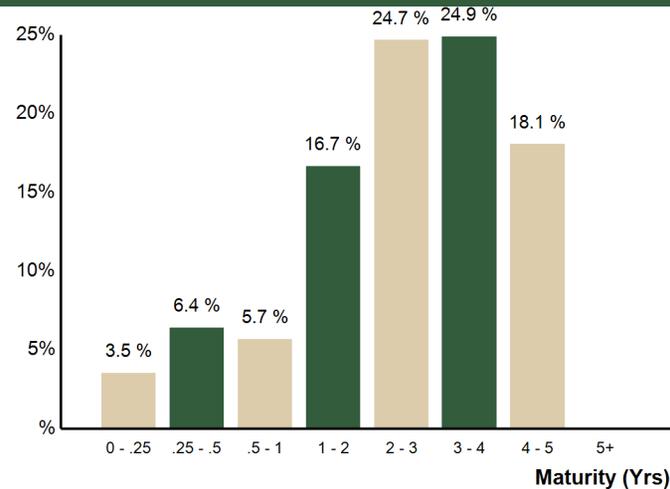
TOP ISSUERS

Issuer	% Portfolio
Government of United States	32.0 %
Federal Home Loan Mortgage Corp	18.4 %
Federal National Mortgage Assoc	17.6 %
Federal Home Loan Bank	13.3 %
Toyota ABS	2.4 %
Bank of Tokyo-Mit UFJ	2.1 %
Honda ABS	2.0 %
Federal Farm Credit Bank	1.6 %
Total	89.4 %

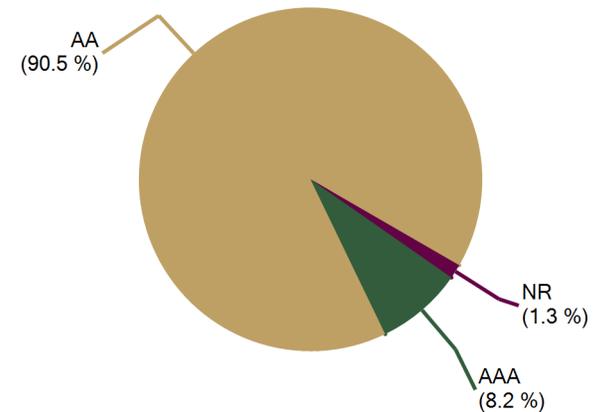
SECTOR ALLOCATION



MATURITY DISTRIBUTION



CREDIT QUALITY (S&P)



PERFORMANCE REVIEW

Total Rate of Return As of 12/31/2015	Current Month	Latest 3 Months	Year To Date	1 Yr	Annualized			Since 2/28/2013	Since 2/28/2013
					3 Yrs	5 Yrs	10 Yrs		
San Bernardino Municipal Water Department	-0.11 %	-0.53 %	1.03 %	1.03 %	N/A	N/A	N/A	0.76 %	2.16 %
BAML 1-5 Yr US Treasury/Agency Index	-0.15 %	-0.65 %	0.97 %	0.97 %	N/A	N/A	N/A	0.68 %	1.95 %
BAML 1-5 Yr US Issuers Corp/Govt Rated AAA-A Index	-0.17 %	-0.59 %	1.05 %	1.05 %	N/A	N/A	N/A	0.79 %	2.26 %



San Bernardino Municipal Water Department

December 31, 2015

COMPLIANCE WITH INVESTMENT POLICY

Assets managed by Chandler Asset Management are in full compliance with State law and with the Department's investment policy.

Category	Standard	Comment
Treasury Bills and Notes	No limitations	Complies
Federal Agencies	75% maximum - Callables	Complies
Local Agency Obligations	State of California only; 10% maximum	Complies
Banker's Acceptances	40% maximum; 30% per issuer; 180 day max maturity	Complies
Commercial Paper	A-1/P-1 rated; 25% maximum; 270 day max maturity	Complies
Negotiable CDs	30% maximum	Complies
Time Deposits	Collateralized; 25% maximum	Complies
Medium Term Notes	30% maximum; "AA"-rated issuer; 15% per issuer with Commercial Paper	Complies
Mortgage Mortgage and Asset-Backed Securities	AA-rated; 20% maximum	Complies
Money Market Funds	AAA/Aaa rated; fund assets > \$500MM; 20% maximum; 10% per fund	Complies
LAIF	\$50 million	Complies
Maximum maturity	5 years	Complies



Reconciliation Summary

As of 12/31/2015

BOOK VALUE RECONCILIATION	
Beginning Book Value	\$23,044,645.35
Acquisition	
+ Security Purchases	\$589,177.68
+ Money Market Fund Purchases	\$53,637.87
+ Money Market Contributions	\$0.00
+ Security Contributions	\$0.00
+ Security Transfers	\$0.00
Total Acquisitions	\$642,815.55
Dispositions	
- Security Sales	\$0.00
- Money Market Fund Sales	\$589,553.95
- MMF Withdrawals	\$1,905.00
- Security Withdrawals	\$0.00
- Security Transfers	\$0.00
- Other Dispositions	\$0.00
- Maturities	\$0.00
- Calls	\$0.00
- Principal Paydowns	\$38,649.84
Total Dispositions	\$630,108.79
Amortization/Accretion	
+/- Net Accretion	(\$1,168.43)
	(\$1,168.43)
Gain/Loss on Dispositions	
+/- Realized Gain/Loss	\$0.00
	\$0.00
Ending Book Value	\$23,056,183.68

CASH TRANSACTION SUMMARY	
BEGINNING BALANCE	\$752,598.02
Acquisition	
Contributions	\$0.00
Security Sale Proceeds	\$0.00
Accrued Interest Received	\$0.00
Interest Received	\$14,983.99
Dividend Received	\$4.04
Principal on Maturities	\$0.00
Interest on Maturities	\$0.00
Calls/Redemption (Principal)	\$0.00
Interest from Calls/Redemption	\$0.00
Principal Paydown	\$38,649.84
Total Acquisitions	\$53,637.87
Disposition	
Withdrawals	\$1,905.00
Security Purchase	\$589,177.68
Accrued Interest Paid	\$376.27
Total Dispositions	\$591,458.95
Ending Book Value	\$214,776.94



Holdings Report

As of 12/31/15

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
ABS									
477879AC4	John Deere Owner Trust 2013-B A3 0.87% Due 8/15/2017	46,760.90	08/27/2013 0.88 %	46,754.53 46,758.28	99.89 1.24 %	46,708.81 18.08	0.20 % (49.47)	Aaa / NR AAA	1.62 0.30
89231MAC9	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	172,191.87	03/11/2014 0.69 %	172,160.05 172,180.13	99.79 1.08 %	171,828.20 51.27	0.74 % (351.93)	Aaa / AAA NR	1.96 0.51
89231TAB6	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	150,000.00	08/18/2015 0.93 %	149,987.94 149,989.65	99.85 1.14 %	149,772.15 61.33	0.65 % (217.50)	Aaa / AAA NR	2.13 0.71
43814GAC4	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	190,848.83	05/13/2014 0.78 %	190,825.89 190,838.27	99.72 1.21 %	190,316.36 53.07	0.82 % (521.91)	Aaa / AAA NR	2.22 0.64
47787VAC5	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	264,812.96	04/02/2014 0.93 %	264,770.53 264,794.86	99.79 1.28 %	264,246.00 108.28	1.14 % (548.86)	Aaa / NR AAA	2.29 0.60
89236WAC2	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	225,000.00	02/24/2015 1.13 %	224,965.98 224,975.53	99.73 1.31 %	224,397.45 112.00	0.97 % (578.08)	Aaa / AAA NR	3.13 1.42
43813NAC0	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	275,000.00	05/13/2015 1.05 %	274,957.79 274,964.74	99.43 1.42 %	273,440.20 79.44	1.18 % (1,524.54)	NR / AAA AAA	3.15 1.51
Total ABS		1,324,614.56	0.93 %	1,324,422.71 1,324,501.46	1.26 %	1,320,709.17 483.47	5.71 % (3,792.29)	Aaa / AAA Aaa	2.51 0.92
AGENCY									
3137EACT4	FHLMC Note 2.5% Due 5/27/2016	910,000.00	Various 1.66 %	945,464.16 912,951.28	100.77 0.60 %	916,999.72 2,148.61	3.98 % 4,048.44	Aaa / AA+ AAA	0.41 0.40
313373SZ6	FHLB Note 2.125% Due 6/10/2016	300,000.00	09/14/2011 1.10 %	314,085.00 301,310.80	100.65 0.66 %	301,935.60 371.88	1.31 % 624.80	Aaa / AA+ AAA	0.44 0.44
3137EACW7	FHLMC Note 2% Due 8/25/2016	650,000.00	01/19/2012 1.09 %	676,327.60 653,716.28	100.80 0.76 %	655,231.20 4,550.00	2.85 % 1,514.92	Aaa / AA+ AAA	0.65 0.64
3135G0CM3	FNMA Note 1.25% Due 9/28/2016	525,000.00	09/29/2011 1.30 %	523,744.73 524,813.60	100.36 0.76 %	526,902.60 1,695.31	2.29 % 2,089.00	Aaa / AA+ AAA	0.75 0.74
3135G0GY3	FNMA Note 1.25% Due 1/30/2017	250,000.00	03/26/2012 1.25 %	249,976.75 249,994.81	100.38 0.90 %	250,937.50 1,310.76	1.09 % 942.69	Aaa / AA+ AAA	1.08 1.07
3137EADC0	FHLMC Note 1% Due 3/8/2017	500,000.00	03/19/2012 1.37 %	491,076.00 497,874.77	100.08 0.93 %	500,414.50 1,569.44	2.17 % 2,539.73	Aaa / AA+ AAA	1.19 1.17
313379FW4	FHLB Note 1% Due 6/9/2017	500,000.00	06/20/2012 1.02 %	499,395.00 499,824.90	99.98 1.01 %	499,897.00 305.56	2.16 % 72.10	Aaa / AA+ AAA	1.44 1.42
3137EADV8	FHLMC Note 0.75% Due 7/14/2017	400,000.00	06/29/2015 0.79 %	399,708.00 399,780.51	99.46 1.11 %	397,828.00 1,766.67	1.73 % (1,952.51)	Aaa / AA+ AAA	1.54 1.52
3133EAY28	FFCB Note 0.83% Due 9/21/2017	375,000.00	09/18/2012 0.83 %	375,000.00 375,000.00	99.58 1.08 %	373,429.50 864.58	1.62 % (1,570.50)	Aaa / AA+ AAA	1.73 1.70
3135G0ZL0	FNMA Note 1% Due 9/27/2017	385,000.00	Various 1.12 %	383,646.55 384,237.99	99.77 1.13 %	384,132.21 1,005.28	1.67 % (105.78)	Aaa / AA+ AAA	1.74 1.71
3137EADP1	FHLMC Note 0.875% Due 3/7/2018	775,000.00	Various 1.20 %	763,499.00 769,704.37	99.30 1.20 %	769,561.83 2,147.40	3.34 % (142.54)	Aaa / AA+ AAA	2.18 2.15



Holdings Report

As of 12/31/15

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
AGENCY									
313378A43	FHLB Note 1.375% Due 3/9/2018	500,000.00	08/06/2013 1.48 %	497,605.00 498,858.98	100.31 1.23 %	501,570.50 2,138.89	2.18 % 2,711.52	Aaa / AA+ AAA	2.19 2.14
3130A4GJ5	FHLB Note 1.125% Due 4/25/2018	500,000.00	03/03/2015 1.17 %	499,240.00 499,440.59	99.74 1.24 %	498,696.50 1,031.25	2.16 % (744.09)	Aaa / AA+ AAA	2.32 2.27
3135G0WJ8	FNMA Note 0.875% Due 5/21/2018	600,000.00	Various 1.12 %	592,971.00 596,623.15	99.06 1.27 %	594,375.60 583.33	2.57 % (2,247.55)	Aaa / AA+ AAA	2.39 2.35
313375K48	FHLB Note 2% Due 9/14/2018	750,000.00	02/07/2014 1.50 %	766,672.50 759,812.62	101.76 1.34 %	763,169.25 4,458.33	3.32 % 3,356.63	Aaa / AA+ AAA	2.71 2.61
3135G0YT4	FNMA Note 1.625% Due 11/27/2018	800,000.00	Various 1.59 %	801,286.00 800,746.64	100.73 1.37 %	805,822.40 1,227.78	3.49 % 5,075.76	Aaa / AA+ AAA	2.91 2.83
3137EADG1	FHLMC Note 1.75% Due 5/30/2019	1,000,000.00	Various 1.62 %	1,005,690.20 1,004,275.37	100.75 1.52 %	1,007,496.00 1,506.94	4.36 % 3,220.63	Aaa / AA+ AAA	3.41 3.30
3135G0ZG1	FNMA Note 1.75% Due 9/12/2019	500,000.00	Various 1.80 %	498,905.00 499,195.41	100.53 1.60 %	502,638.50 2,649.30	2.19 % 3,443.09	Aaa / AA+ AAA	3.70 3.55
3135G0A78	FNMA Note 1.625% Due 1/21/2020	500,000.00	02/10/2015 1.67 %	499,040.00 499,212.32	99.62 1.72 %	498,114.50 3,611.11	2.17 % (1,097.82)	Aaa / AA+ AAA	4.06 3.88
313383HU8	FHLB Note 1.75% Due 6/12/2020	500,000.00	10/08/2015 1.46 %	506,510.00 506,189.84	99.82 1.79 %	499,101.00 461.81	2.16 % (7,088.84)	Aaa / AA+ NR	4.45 4.26
3135G0F73	FNMA Note 1.5% Due 11/30/2020	500,000.00	12/04/2015 1.87 %	491,150.00 491,271.57	98.22 1.88 %	491,117.50 645.83	2.13 % (154.07)	Aaa / AA+ AAA	4.92 4.71
Total Agency		11,720,000.00	1.38 %	11,780,992.49 11,724,835.80	1.21 %	11,739,371.41 36,050.06	50.94 % 14,535.61	Aaa / AA+ Aaa	2.26 2.20
COMMERCIAL PAPER									
06538BBR3	Bank of Tokyo Mitsubishi NY Discount CP 0.39% Due 2/25/2016	490,000.00	10/27/2015 0.40 %	489,363.00 489,363.00	99.87 0.40 %	489,363.00 345.04	2.12 % 0.00	P-1 / A-1 F-1	0.15 0.15
Total Commercial Paper		490,000.00	0.40 %	489,363.00 489,363.00	0.40 %	489,363.00 345.04	2.12 % 0.00	P-1 / A-1 F-1	0.15 0.15
MONEY MARKET FUND FI									
316175603	Fidelity Institutional Government MMKT Fund #657	214,776.94	Various 0.01 %	214,776.94 214,776.94	1.00 0.01 %	214,776.94 0.00	0.93 % 0.00	Aaa / AAA NR	0.00 0.00
Total Money Market Fund FI		214,776.94	0.01 %	214,776.94 214,776.94	0.01 %	214,776.94 0.00	0.93 % 0.00	Aaa / AAA NR	0.00 0.00
US CORPORATE									
38259PAC6	Google Inc Note 2.125% Due 5/19/2016	260,000.00	10/13/2011 1.57 %	266,359.60 260,527.75	100.58 0.60 %	261,511.38 644.58	1.13 % 983.63	Aa2 / AA NR	0.38 0.38
30231GAA0	Exxon Mobil Corp Note 0.921% Due 3/15/2017	360,000.00	03/17/2014 0.92 %	360,000.00 360,000.00	99.88 1.02 %	359,585.28 976.26	1.56 % (414.72)	Aaa / AAA NR	1.21 1.19



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
US CORPORATE									
166764AA8	Chevron Corp Callable Note Cont 11/5/17 1.104% Due 12/5/2017	340,000.00	Various 1.05 %	340,865.00 340,341.15	99.31 1.48 %	337,662.16 271.09	1.46 % (2,678.99)	Aa1 / AA NR	1.93 1.82
037833AJ9	Apple Inc Note 1% Due 5/3/2018	310,000.00	Various 1.09 %	308,621.60 309,353.37	99.19 1.35 %	307,481.25 499.45	1.33 % (1,872.12)	Aa1 / AA+ NR	2.34 2.30
084670BL1	Berkshire Hathaway Note 2.1% Due 8/14/2019	350,000.00	07/15/2015 2.00 %	351,305.50 351,160.54	100.61 1.92 %	352,138.15 2,797.08	1.54 % 977.61	Aa2 / AA A+	3.62 3.44
594918BG8	Microsoft Callable Note Cont. 10/03/20 2% Due 11/3/2020	300,000.00	Various 2.03 %	299,644.50 299,655.03	100.03 1.99 %	300,084.31 966.67	1.30 % 429.28	Aaa / AAA AA+	4.85 4.50
Total US Corporate		1,920,000.00	1.43 %	1,926,796.20 1,921,037.84	1.42 %	1,918,462.53 6,155.13	8.33 % (2,575.31)	Aa1 / AA+ AA-	2.42 2.30
US TREASURY									
912828QA1	US Treasury Note 2.25% Due 3/31/2016	115,000.00	Various 1.35 %	119,739.64 115,247.48	100.45 0.45 %	115,512.10 657.48	0.50 % 264.62	Aaa / AA+ AAA	0.25 0.25
912828RU6	US Treasury Note 0.875% Due 11/30/2016	125,000.00	01/19/2012 0.83 %	125,273.85 125,051.50	100.06 0.81 %	125,073.25 95.63	0.54 % 21.75	Aaa / AA+ AAA	0.92 0.91
912828TM2	US Treasury Note 0.625% Due 8/31/2017	125,000.00	Various 0.68 %	124,651.30 124,878.71	99.36 1.01 %	124,199.26 264.00	0.54 % (679.45)	Aaa / AA+ AAA	1.67 1.65
912828G79	US Treasury Note 1% Due 12/15/2017	400,000.00	12/11/2014 1.04 %	399,485.72 399,664.97	99.86 1.07 %	399,453.20 185.79	1.73 % (211.77)	Aaa / AA+ AAA	1.96 1.93
912828UZ1	US Treasury Note 0.625% Due 4/30/2018	400,000.00	05/28/2013 0.92 %	394,329.47 397,317.78	98.71 1.19 %	394,859.20 425.82	1.71 % (2,458.58)	Aaa / AA+ AAA	2.33 2.30
912828VQ0	US Treasury Note 1.375% Due 7/31/2018	250,000.00	07/30/2013 1.37 %	250,108.26 250,055.85	100.38 1.22 %	250,957.00 1,438.52	1.09 % 901.15	Aaa / AA+ AAA	2.58 2.52
912828RE2	US Treasury Note 1.5% Due 8/31/2018	200,000.00	02/12/2014 1.40 %	200,867.86 200,508.69	100.66 1.25 %	201,328.20 1,013.74	0.88 % 819.51	Aaa / AA+ AAA	2.67 2.59
912828B33	US Treasury Note 1.5% Due 1/31/2019	500,000.00	02/27/2014 1.47 %	500,763.39 500,478.07	100.35 1.38 %	501,758.00 3,138.59	2.18 % 1,279.93	Aaa / AA+ AAA	3.09 2.99
912828C24	US Treasury Note 1.5% Due 2/28/2019	800,000.00	Various 1.60 %	796,162.82 797,508.35	100.32 1.40 %	802,531.20 4,054.94	3.49 % 5,022.85	Aaa / AA+ AAA	3.16 3.07
912828D23	US Treasury Note 1.625% Due 4/30/2019	750,000.00	Various 1.55 %	752,758.38 751,866.71	100.58 1.45 %	754,365.00 2,075.89	3.27 % 2,498.29	Aaa / AA+ AAA	3.33 3.23
912828D80	US Treasury Note 1.625% Due 8/31/2019	250,000.00	09/09/2014 1.76 %	248,409.04 248,827.81	100.29 1.54 %	250,713.00 1,372.77	1.09 % 1,885.19	Aaa / AA+ AAA	3.67 3.53
912828G61	US Treasury Note 1.5% Due 11/30/2019	1,075,000.00	Various 1.42 %	1,078,497.70 1,078,394.79	99.60 1.61 %	1,070,717.21 1,409.83	4.64 % (7,677.58)	Aaa / AA+ AAA	3.92 3.78
912828J50	US Treasury Note 1.375% Due 2/29/2020	625,000.00	04/23/2015 1.38 %	624,806.78 624,834.26	98.85 1.66 %	617,822.50 2,903.93	2.69 % (7,011.76)	Aaa / AA+ AAA	4.17 4.01
912828K58	US Treasury Note 1.375% Due 4/30/2020	300,000.00	05/06/2015 1.55 %	297,458.04 297,791.85	98.71 1.69 %	296,121.00 702.61	1.28 % (1,670.85)	Aaa / AA+ AAA	4.33 4.18



Holdings Report

As of 12/31/15

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
US TREASURY									
912828XE5	US Treasury Note 1.5% Due 5/31/2020	500,000.00	Various 1.68 %	495,802.46 496,272.73	99.14 1.70 %	495,683.50 655.74	2.15 % (589.23)	Aaa / AA+ AAA	4.42 4.25
912828XM7	US Treasury Note 1.625% Due 7/31/2020	625,000.00	Various 1.52 %	628,161.27 627,947.79	99.52 1.73 %	622,021.25 4,250.17	2.71 % (5,926.54)	Aaa / AA+ AAA	4.59 4.37
912828L99	US Treasury Note 1.375% Due 10/31/2020	350,000.00	Various 1.68 %	344,923.05 345,021.30	98.23 1.76 %	343,820.40 819.71	1.49 % (1,200.90)	Aaa / AA+ AAA	4.84 4.64
Total US Treasury		7,390,000.00	1.43 %	7,382,199.03 7,381,668.64	1.47 %	7,366,935.27 25,465.16	31.98 % (14,733.37)	Aaa / AA+ Aaa	3.46 3.34
TOTAL PORTFOLIO		23,059,391.50	1.34 %	23,118,550.37 23,056,183.68	1.28 %	23,049,618.32 68,498.86	100.00 % (6,565.36)	Aaa / AA+ Aaa	2.61 2.44
TOTAL MARKET VALUE PLUS ACCRUED						23,118,117.18			



Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
ACQUISITIONS										
Purchase	12/02/2015	316175603	4.04	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	4.04	0.00	4.04	0.00
Purchase	12/05/2015	316175603	1,876.80	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	1,876.80	0.00	1,876.80	0.00
Purchase	12/07/2015	3135G0F73	500,000.00	FNMA Note 1.5% Due 11/30/2020	98.230	1.87 %	491,150.00	145.84	491,295.84	0.00
Purchase	12/09/2015	316175603	2,500.00	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	2,500.00	0.00	2,500.00	0.00
Purchase	12/10/2015	316175603	3,187.50	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	3,187.50	0.00	3,187.50	0.00
Purchase	12/12/2015	316175603	4,375.00	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	4,375.00	0.00	4,375.00	0.00
Purchase	12/15/2015	316175603	2,000.00	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	2,000.00	0.00	2,000.00	0.00
Purchase	12/15/2015	316175603	4,513.40	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	4,513.40	0.00	4,513.40	0.00
Purchase	12/15/2015	316175603	15,401.71	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	15,401.71	0.00	15,401.71	0.00
Purchase	12/15/2015	316175603	14,939.80	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	14,939.80	0.00	14,939.80	0.00
Purchase	12/15/2015	316175603	115.00	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	115.00	0.00	115.00	0.00
Purchase	12/15/2015	316175603	210.00	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	210.00	0.00	210.00	0.00
Purchase	12/18/2015	316175603	4,276.29	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	4,276.29	0.00	4,276.29	0.00
Purchase	12/21/2015	316175603	238.33	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	238.33	0.00	238.33	0.00
Purchase	12/31/2015	912828L99	100,000.00	US Treasury Note 1.375% Due 10/31/2020	98.028	1.80 %	98,027.68	230.43	98,258.11	0.00
	Subtotal		653,637.87				642,815.55	376.27	643,191.82	0.00
TOTAL ACQUISITIONS			653,637.87				642,815.55	376.27	643,191.82	0.00

DISPOSITIONS

Sale	12/07/2015	316175603	491,295.84	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	491,295.84	0.00	491,295.84	0.00
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Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
DISPOSITIONS										
Sale	12/31/2015	316175603	98,258.11	Fidelity Institutional Government MMKT Fund #657	1.000	0.01 %	98,258.11	0.00	98,258.11	0.00
	Subtotal		589,553.95				589,553.95	0.00	589,553.95	0.00
Paydown	12/15/2015	477879AC4	4,476.25	John Deere Owner Trust 2013-B A3 0.87% Due 8/15/2017	100.000		4,476.25	37.15	4,513.40	0.00
Paydown	12/15/2015	47787VAC5	15,187.04	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	100.000		15,187.04	214.67	15,401.71	0.00
Paydown	12/15/2015	89231MAC9	14,835.38	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	100.000		14,835.38	104.42	14,939.80	0.00
Paydown	12/15/2015	89231TAB6	0.00	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	100.000		0.00	115.00	115.00	0.00
Paydown	12/15/2015	89236WAC2	0.00	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	100.000		0.00	210.00	210.00	0.00
Paydown	12/18/2015	43814GAC4	4,151.17	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	100.000		4,151.17	125.12	4,276.29	0.00
Paydown	12/21/2015	43813NAC0	0.00	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	100.000		0.00	238.33	238.33	0.00
	Subtotal		38,649.84				38,649.84	1,044.69	39,694.53	0.00
Security Withdrawal	12/04/2015	316175603	1,905.00	Fidelity Institutional Government MMKT Fund #657	1.000		1,905.00	0.00	1,905.00	0.00
	Subtotal		1,905.00				1,905.00	0.00	1,905.00	0.00
TOTAL DISPOSITIONS			630,108.79				630,108.79	1,044.69	631,153.48	0.00

OTHER TRANSACTIONS										
Interest	12/05/2015	166764AA8	340,000.00	Chevron Corp Callable Note Cont 11/5/17 1.104% Due 12/5/2017	0.000		1,876.80	0.00	1,876.80	0.00
Interest	12/09/2015	313379FW4	500,000.00	FHLB Note 1% Due 6/9/2017	0.000		2,500.00	0.00	2,500.00	0.00
Interest	12/10/2015	313373SZ6	300,000.00	FHLB Note 2.125% Due 6/10/2016	0.000		3,187.50	0.00	3,187.50	0.00
Interest	12/12/2015	313383HU8	500,000.00	FHLB Note 1.75% Due 6/12/2020	0.000		4,375.00	0.00	4,375.00	0.00



Transaction Ledger

11/30/15 Thru 12/31/15

Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
OTHER TRANSACTIONS										
Interest	12/15/2015	912828G79	400,000.00	US Treasury Note 1% Due 12/15/2017	0.000		2,000.00	0.00	2,000.00	0.00
	Subtotal		2,040,000.00				13,939.30	0.00	13,939.30	0.00
Dividend	12/02/2015	316175603	752,598.02	Fidelity Institutional Government MMKT Fund #657	0.000		4.04	0.00	4.04	0.00
	Subtotal		752,598.02				4.04	0.00	4.04	0.00
TOTAL OTHER TRANSACTIONS			2,792,598.02				13,943.34	0.00	13,943.34	0.00



CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
Fixed Income						
037833AJ9	Apple Inc Note 1% Due 05/03/2018	Various Various 310,000.00	309,329.88 0.00 0.00 309,353.37	241.11 0.00 499.45 258.34	23.49 0.00 23.49 281.83	0.00 281.83
084670BL1	Berkshire Hathaway Note 2.1% Due 08/14/2019	07/15/2015 07/20/2015 350,000.00	351,187.78 0.00 0.00 351,160.54	2,184.58 0.00 2,797.08 612.50	0.00 27.24 (27.24) 585.26	0.00 585.26
166764AA8	Chevron Corp Callable Note Cont 11/5/17 1.104% Due 12/05/2017	Various Various 340,000.00	340,356.18 0.00 0.00 340,341.15	1,835.09 1,876.80 271.09 312.80	0.00 15.03 (15.03) 297.77	0.00 297.77
30231GAA0	Exxon Mobil Corp Note 0.921% Due 03/15/2017	03/17/2014 03/20/2014 360,000.00	360,000.00 0.00 0.00 360,000.00	699.96 0.00 976.26 276.30	0.00 0.00 0.00 276.30	0.00 276.30
3130A4GJ5	FHLB Note 1.125% Due 04/25/2018	03/03/2015 03/04/2015 500,000.00	499,420.07 0.00 0.00 499,440.59	562.50 0.00 1,031.25 468.75	20.52 0.00 20.52 489.27	0.00 489.27
313373SZ6	FHLB Note 2.125% Due 06/10/2016	09/14/2011 09/15/2011 300,000.00	301,563.19 0.00 0.00 301,310.80	3,028.13 3,187.50 371.88 531.25	0.00 252.39 (252.39) 278.86	0.00 278.86
313375K48	FHLB Note 2% Due 09/14/2018	02/07/2014 02/10/2014 750,000.00	760,120.81 0.00 0.00 759,812.62	3,208.33 0.00 4,458.33 1,250.00	0.00 308.19 (308.19) 941.81	0.00 941.81
313378A43	FHLB Note 1.375% Due 03/09/2018	08/06/2013 08/07/2013 500,000.00	498,814.65 0.00 0.00 498,858.98	1,565.97 0.00 2,138.89 572.92	44.33 0.00 44.33 617.25	0.00 617.25
313379FW4	FHLB Note 1% Due 06/09/2017	06/20/2012 06/21/2012 500,000.00	499,814.56 0.00 0.00 499,824.90	2,388.89 2,500.00 305.56 416.67	10.34 0.00 10.34 427.01	0.00 427.01
313383HU8	FHLB Note 1.75% Due 06/12/2020	10/08/2015 10/09/2015 500,000.00	506,307.99 0.00 0.00 506,189.84	4,107.64 4,375.00 461.81 729.17	0.00 118.15 (118.15) 611.02	0.00 611.02



CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
3133EAY28	FFCB Note 0.83% Due 09/21/2017	09/18/2012 09/21/2012 375,000.00	375,000.00 0.00 0.00 375,000.00	605.21 0.00 864.58 259.37	0.00 0.00 0.00 259.37	0.00 0.00 0.00 259.37
3135G0A78	FNMA Note 1.625% Due 01/21/2020	02/10/2015 02/11/2015 500,000.00	499,195.83 0.00 0.00 499,212.32	2,934.03 0.00 3,611.11 677.08	16.49 0.00 16.49 693.57	0.00 0.00 0.00 693.57
3135G0CM3	FNMA Note 1.25% Due 09/28/2016	09/29/2011 09/30/2011 525,000.00	524,792.28 0.00 0.00 524,813.60	1,148.44 0.00 1,695.31 546.87	21.32 0.00 21.32 568.19	0.00 0.00 0.00 568.19
3135G0F73	FNMA Note 1.5% Due 11/30/2020	12/04/2015 12/07/2015 500,000.00	0.00 491,150.00 0.00 491,271.57	0.00 (145.84) 645.83 499.99	121.57 0.00 121.57 621.56	0.00 0.00 0.00 621.56
3135G0GY3	FNMA Note 1.25% Due 01/30/2017	03/26/2012 03/27/2012 250,000.00	249,994.40 0.00 0.00 249,994.81	1,050.35 0.00 1,310.76 260.41	0.41 0.00 0.41 260.82	0.00 0.00 0.00 260.82
3135G0WJ8	FNMA Note 0.875% Due 05/21/2018	Various Various 600,000.00	596,502.97 0.00 0.00 596,623.15	145.84 0.00 583.33 437.49	120.18 0.00 120.18 557.67	0.00 0.00 0.00 557.67
3135G0YT4	FNMA Note 1.625% Due 11/27/2018	Various Various 800,000.00	800,768.45 0.00 0.00 800,746.64	144.44 0.00 1,227.78 1,083.34	2.10 23.91 (21.81) 1,061.53	0.00 0.00 0.00 1,061.53
3135G0ZG1	FNMA Note 1.75% Due 09/12/2019	Various Various 500,000.00	499,176.94 0.00 0.00 499,195.41	1,920.14 0.00 2,649.30 729.16	31.29 12.82 18.47 747.63	0.00 0.00 0.00 747.63
3135G0ZL0	FNMA Note 1% Due 09/27/2017	Various Various 385,000.00	384,200.79 0.00 0.00 384,237.99	684.45 0.00 1,005.28 320.83	37.20 0.00 37.20 358.03	0.00 0.00 0.00 358.03
3137EACT4	FHLMC Note 2.5% Due 05/27/2016	Various Various 910,000.00	913,573.66 0.00 0.00 912,951.28	252.77 0.00 2,148.61 1,895.84	0.00 622.38 (622.38) 1,273.46	0.00 0.00 0.00 1,273.46
3137EACW7	FHLMC Note 2% Due 08/25/2016	01/19/2012 01/20/2012 650,000.00	654,202.38 0.00 0.00 653,716.28	3,466.67 0.00 4,550.00 1,083.33	0.00 486.10 (486.10) 597.23	0.00 0.00 0.00 597.23



CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
3137EADC0	FHLMC Note 1% Due 03/08/2017	03/19/2012 03/20/2012 500,000.00	497,722.26 0.00 0.00 497,874.77	1,152.78 0.00 1,569.44 416.66	152.51 0.00 152.51 569.17	0.00 569.17
3137EADG1	FHLMC Note 1.75% Due 05/30/2019	Various Various 1,000,000.00	1,004,381.84 0.00 0.00 1,004,275.37	48.62 0.00 1,506.94 1,458.32	0.00 106.47 (106.47) 1,351.85	0.00 1,351.85
3137EADP1	FHLMC Note 0.875% Due 03/07/2018	Various Various 775,000.00	769,498.15 0.00 0.00 769,704.37	1,582.30 0.00 2,147.40 565.10	206.22 0.00 206.22 771.32	0.00 771.32
3137EADV8	FHLMC Note 0.75% Due 07/14/2017	06/29/2015 06/30/2015 400,000.00	399,768.36 0.00 0.00 399,780.51	1,516.67 0.00 1,766.67 250.00	12.15 0.00 12.15 262.15	0.00 262.15
38259PAC6	Google Inc Note 2.125% Due 05/19/2016	10/13/2011 10/18/2011 260,000.00	260,645.45 0.00 0.00 260,527.75	184.17 0.00 644.58 460.41	0.00 117.70 (117.70) 342.71	0.00 342.71
43813NAC0	Honda Auto Receivables 2015-2 A3 1.04% Due 02/21/2019	05/13/2015 05/20/2015 275,000.00	274,963.78 0.00 0.00 274,964.74	79.44 238.33 79.44 238.33	0.96 0.00 0.96 239.29	0.00 239.29
43814GAC4	Honda Auto Receivables 2014-2 A3 0.77% Due 03/19/2018	05/13/2014 05/21/2014 190,848.83	194,988.55 0.00 4,151.17 190,838.27	54.22 125.12 53.07 123.97	0.89 0.00 0.89 124.86	0.00 124.86
477879AC4	John Deere Owner Trust 2013-B A3 0.87% Due 08/15/2017	08/27/2013 09/04/2013 46,760.90	51,234.13 0.00 4,476.25 46,758.28	19.81 37.15 18.08 35.42	0.40 0.00 0.40 35.82	0.00 35.82
47787VAC5	John Deere Owner Trust 2014-A A3 0.92% Due 04/16/2018	04/02/2014 04/09/2014 264,812.96	279,979.61 0.00 15,187.04 264,794.86	114.49 214.67 108.28 208.46	2.29 0.00 2.29 210.75	0.00 210.75
594918BG8	Microsoft Callable Note Cont. 10/03/20 2% Due 11/03/2020	Various Various 300,000.00	299,648.98 0.00 0.00 299,655.03	466.66 0.00 966.67 500.01	6.05 0.00 6.05 506.06	0.00 506.06
89231MAC9	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	03/11/2014 03/19/2014 172,191.87	187,013.46 0.00 14,835.38 172,180.13	55.69 104.42 51.27 100.00	2.05 0.00 2.05 102.05	0.00 102.05



CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
89231TAB6	Toyota Auto Receivables Owner 2015-C 0.92% Due 02/15/2018	08/18/2015 08/26/2015 150,000.00	149,989.23 0.00 0.00 149,989.65	61.33 115.00 61.33 115.00	0.42 0.00 0.42 115.42	0.00 115.42
89236WAC2	Toyota Auto Receivables Owner 2015-A 1.12% Due 02/15/2019	02/24/2015 03/04/2015 225,000.00	224,974.56 0.00 0.00 224,975.53	112.00 210.00 112.00 210.00	0.97 0.00 0.97 210.97	0.00 210.97
912828B33	US Treasury Note 1.5% Due 01/31/2019	02/27/2014 02/28/2014 500,000.00	500,491.24 0.00 0.00 500,478.07	2,506.79 0.00 3,138.59 631.80	0.00 13.17 (13.17) 618.63	0.00 618.63
912828C24	US Treasury Note 1.5% Due 02/28/2019	Various Various 800,000.00	797,441.42 0.00 0.00 797,508.35	3,032.96 0.00 4,054.94 1,021.98	66.93 0.00 66.93 1,088.91	0.00 1,088.91
912828D23	US Treasury Note 1.625% Due 04/30/2019	Various Various 750,000.00	751,914.34 0.00 0.00 751,866.71	1,037.95 0.00 2,075.89 1,037.94	0.00 47.63 (47.63) 990.31	0.00 990.31
912828D80	US Treasury Note 1.625% Due 08/31/2019	09/09/2014 09/10/2014 250,000.00	248,800.65 0.00 0.00 248,827.81	1,026.79 0.00 1,372.77 345.98	27.16 0.00 27.16 373.14	0.00 373.14
912828G61	US Treasury Note 1.5% Due 11/30/2019	Various Various 1,075,000.00	1,078,468.44 0.00 0.00 1,078,394.79	44.06 0.00 1,409.83 1,365.77	34.34 107.99 (73.65) 1,292.12	0.00 1,292.12
912828G79	US Treasury Note 1% Due 12/15/2017	12/11/2014 12/15/2014 400,000.00	399,650.42 0.00 0.00 399,664.97	1,846.99 2,000.00 185.79 338.80	14.55 0.00 14.55 353.35	0.00 353.35
912828J50	US Treasury Note 1.375% Due 02/29/2020	04/23/2015 04/24/2015 625,000.00	624,830.88 0.00 0.00 624,834.26	2,172.05 0.00 2,903.93 731.88	3.38 0.00 3.38 735.26	0.00 735.26
912828K58	US Treasury Note 1.375% Due 04/30/2020	05/06/2015 05/07/2015 300,000.00	297,748.55 0.00 0.00 297,791.85	351.30 0.00 702.61 351.31	43.30 0.00 43.30 394.61	0.00 394.61
912828L99	US Treasury Note 1.375% Due 10/31/2020	Various Various 350,000.00	246,939.67 98,027.68 0.00 345,021.30	292.75 (230.43) 819.71 296.53	53.95 0.00 53.95 350.48	0.00 350.48



CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
912828QA1	US Treasury Note 2.25% Due 03/31/2016	Various Various 115,000.00	115,332.73 0.00 0.00 115,247.48	438.32 0.00 657.48 219.16	0.00 85.25 (85.25) 133.91	0.00 133.91
912828RE2	US Treasury Note 1.5% Due 08/31/2018	02/12/2014 02/13/2014 200,000.00	200,524.90 0.00 0.00 200,508.69	758.24 0.00 1,013.74 255.50	0.00 16.21 (16.21) 239.29	0.00 239.29
912828RU6	US Treasury Note 0.875% Due 11/30/2016	01/19/2012 01/20/2012 125,000.00	125,056.28 0.00 0.00 125,051.50	2.99 0.00 95.63 92.64	0.00 4.78 (4.78) 87.86	0.00 87.86
912828TM2	US Treasury Note 0.625% Due 08/31/2017	Various Various 125,000.00	124,872.52 0.00 0.00 124,878.71	197.46 0.00 264.00 66.54	6.19 0.00 6.19 72.73	0.00 72.73
912828UZ1	US Treasury Note 0.625% Due 04/30/2018	05/28/2013 05/29/2013 400,000.00	397,219.96 0.00 0.00 397,317.78	212.91 0.00 425.82 212.91	97.82 0.00 97.82 310.73	0.00 310.73
912828VQ0	US Treasury Note 1.375% Due 07/31/2018	07/30/2013 07/31/2013 250,000.00	250,057.69 0.00 0.00 250,055.85	1,148.95 0.00 1,438.52 289.57	0.00 1.84 (1.84) 287.73	0.00 287.73
912828XE5	US Treasury Note 1.5% Due 05/31/2020	Various Various 500,000.00	496,201.05 0.00 0.00 496,272.73	20.50 0.00 655.74 635.24	71.68 0.00 71.68 706.92	0.00 706.92
912828XM7	US Treasury Note 1.625% Due 07/31/2020	Various Various 625,000.00	628,002.42 0.00 0.00 627,947.79	3,394.62 0.00 4,250.17 855.55	0.00 54.63 (54.63) 800.92	0.00 800.92
			21,802,684.33	56,108.35	1,253.45	
			589,177.68	14,607.72	2,421.88	
			38,649.84	68,153.82	(1,168.43)	0.00
TOTAL Fixed Income		22,354,614.56	22,352,043.74	26,653.19	25,484.76	25,484.76

Cash & Equivalent

06538BBR3	Bank of Tokyo Mitsubishi NY Discount CP 0.39% Due 02/25/2016	10/27/2015 10/28/2015 490,000.00	489,363.00 0.00 0.00 489,363.00	180.48 0.00 345.04 164.56	0.00 0.00 0.00 164.56	0.00 164.56
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CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
316175603	Fidelity Institutional Government MMKT Fund #657		752,598.02	0.00	0.00	
		Various	53,637.87	4.04	0.00	
		Various	591,458.95	0.00	0.00	0.00
		214,776.94	214,776.94	4.04	4.04	4.04
			1,241,961.02	180.48	0.00	
			53,637.87	4.04	0.00	
			591,458.95	345.04	0.00	0.00
TOTAL Cash & Equivalent		704,776.94	704,139.94	168.60	168.60	168.60
			23,044,645.35	56,288.83	1,253.45	
			642,815.55	14,611.76	2,421.88	
			630,108.79	68,498.86	(1,168.43)	0.00
TOTAL PORTFOLIO		23,059,391.50	23,056,183.68	26,821.79	25,653.36	25,653.36



Cash Flow Report

From 12/31/2015

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
01/14/2016	Interest	3137EADV8	400,000.00	FHLMC Note 0.75% Due 7/14/2017	0.00	1,875.00	1,875.00
01/15/2016	Paydown	89231MAC9	172,191.87	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	15,150.57	96.14	15,246.71
01/15/2016	Paydown	89231TAB6	150,000.00	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	8,262.38	115.00	8,377.38
01/15/2016	Paydown	89236WAC2	225,000.00	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	11,711.35	210.00	11,921.35
01/15/2016	Paydown	477879AC4	46,760.90	John Deere Owner Trust 2013-B A3 0.87% Due 8/15/2017	2,316.85	33.90	2,350.75
01/15/2016	Paydown	47787VAC5	264,812.96	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	20,670.79	203.02	20,873.81
01/18/2016	Paydown	43814GAC4	190,848.83	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	14,270.42	122.46	14,392.88
01/21/2016	Interest	3135G0A78	500,000.00	FNMA Note 1.625% Due 1/21/2020	0.00	4,062.50	4,062.50
01/21/2016	Paydown	43813NAC0	275,000.00	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	10,066.59	238.33	10,304.92
01/30/2016	Interest	3135G0GY3	250,000.00	FNMA Note 1.25% Due 1/30/2017	0.00	1,562.50	1,562.50
01/31/2016	Interest	912828B33	500,000.00	US Treasury Note 1.5% Due 1/31/2019	0.00	3,750.00	3,750.00
01/31/2016	Interest	912828VQ0	250,000.00	US Treasury Note 1.375% Due 7/31/2018	0.00	1,718.75	1,718.75
01/31/2016	Interest	912828XM7	625,000.00	US Treasury Note 1.625% Due 7/31/2020	0.00	5,078.13	5,078.13
Jan 2016					82,448.95	19,065.73	101,514.68
02/14/2016	Interest	084670BL1	350,000.00	Berkshire Hathaway Note 2.1% Due 8/14/2019	0.00	3,675.00	3,675.00
02/15/2016	Paydown	89231MAC9	172,191.87	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	14,713.96	87.68	14,801.64
02/15/2016	Paydown	89231TAB6	150,000.00	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	8,064.31	108.67	8,172.98
02/15/2016	Paydown	477879AC4	46,760.90	John Deere Owner Trust 2013-B A3 0.87% Due 8/15/2017	2,319.07	32.22	2,351.29
02/15/2016	Paydown	47787VAC5	264,812.96	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	20,124.42	187.18	20,311.60
02/15/2016	Paydown	89236WAC2	225,000.00	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	11,469.01	199.07	11,668.08
02/18/2016	Paydown	43814GAC4	190,848.83	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	13,891.77	113.30	14,005.07



Cash Flow Report

From 12/31/2015

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
02/21/2016	Paydown	43813NAC0	275,000.00	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	9,916.05	229.61	10,145.66
02/25/2016	Interest	3137EACW7	650,000.00	FHLMC Note 2% Due 8/25/2016	0.00	6,500.00	6,500.00
02/25/2016	Maturity	06538BBR3	490,000.00	Bank of Tokyo Mitsubishi NY Discount CP 0.39% Due 2/25/2016	489,363.00	637.00	490,000.00
02/29/2016	Interest	912828C24	800,000.00	US Treasury Note 1.5% Due 2/28/2019	0.00	6,000.00	6,000.00
02/29/2016	Interest	912828D80	250,000.00	US Treasury Note 1.625% Due 8/31/2019	0.00	2,031.25	2,031.25
02/29/2016	Interest	912828J50	625,000.00	US Treasury Note 1.375% Due 2/29/2020	0.00	4,296.88	4,296.88
02/29/2016	Interest	912828RE2	200,000.00	US Treasury Note 1.5% Due 8/31/2018	0.00	1,500.00	1,500.00
02/29/2016	Interest	912828TM2	125,000.00	US Treasury Note 0.625% Due 8/31/2017	0.00	390.62	390.62
Feb 2016					569,861.59	25,988.48	595,850.07
03/07/2016	Interest	3137EADP1	775,000.00	FHLMC Note 0.875% Due 3/7/2018	0.00	3,390.63	3,390.63
03/08/2016	Interest	3137EADC0	500,000.00	FHLMC Note 1% Due 3/8/2017	0.00	2,500.00	2,500.00
03/09/2016	Interest	313378A43	500,000.00	FHLB Note 1.375% Due 3/9/2018	0.00	3,437.50	3,437.50
03/12/2016	Interest	3135G0ZG1	500,000.00	FNMA Note 1.75% Due 9/12/2019	0.00	4,375.00	4,375.00
03/14/2016	Interest	313375K48	750,000.00	FHLB Note 2% Due 9/14/2018	0.00	7,500.00	7,500.00
03/15/2016	Interest	30231GAA0	360,000.00	Exxon Mobil Corp Note 0.921% Due 3/15/2017	0.00	1,657.80	1,657.80
03/15/2016	Paydown	477879AC4	46,760.90	John Deere Owner Trust 2013-B A3 0.87% Due 8/15/2017	2,321.29	30.54	2,351.83
03/15/2016	Paydown	47787VAC5	264,812.96	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	19,577.42	171.75	19,749.17
03/15/2016	Paydown	89231MAC9	172,191.87	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	14,276.84	79.47	14,356.31
03/15/2016	Paydown	89231TAB6	150,000.00	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	7,866.07	102.48	7,968.55
03/15/2016	Paydown	89236WAC2	225,000.00	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	11,226.40	188.36	11,414.76
03/18/2016	Paydown	43814GAC4	190,848.83	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	13,512.75	104.39	13,617.14



Cash Flow Report

From 12/31/2015

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
03/21/2016	Interest	3133EAY28	375,000.00	FFCB Note 0.83% Due 9/21/2017	0.00	1,556.25	1,556.25
03/21/2016	Paydown	43813NAC0	275,000.00	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	9,765.32	221.02	9,986.34
03/27/2016	Interest	3135G0ZL0	385,000.00	FNMA Note 1% Due 9/27/2017	0.00	1,925.00	1,925.00
03/28/2016	Interest	3135G0CM3	525,000.00	FNMA Note 1.25% Due 9/28/2016	0.00	3,281.25	3,281.25
03/31/2016	Maturity	912828QA1	115,000.00	US Treasury Note 2.25% Due 3/31/2016	115,000.00	1,293.76	116,293.76
Mar 2016					193,546.09	31,815.20	225,361.29
04/15/2016	Paydown	477879AC4	46,760.90	John Deere Owner Trust 2013-B A3 0.87% Due 8/15/2017	2,323.51	28.86	2,352.37
04/15/2016	Paydown	47787VAC5	264,812.96	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	19,029.79	156.74	19,186.53
04/15/2016	Paydown	89231TAB6	150,000.00	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	7,667.65	96.45	7,764.10
04/15/2016	Paydown	89236WAC2	225,000.00	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	10,983.49	177.89	11,161.38
04/15/2016	Paydown	89231MAC9	172,191.87	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	13,839.22	71.49	13,910.71
04/18/2016	Paydown	43814GAC4	190,848.83	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	13,133.37	95.72	13,229.09
04/21/2016	Paydown	43813NAC0	275,000.00	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	9,614.39	212.55	9,826.94
04/25/2016	Interest	3130A4GJ5	500,000.00	FHLB Note 1.125% Due 4/25/2018	0.00	2,812.50	2,812.50
04/30/2016	Interest	912828K58	300,000.00	US Treasury Note 1.375% Due 4/30/2020	0.00	2,062.50	2,062.50
04/30/2016	Interest	912828L99	350,000.00	US Treasury Note 1.375% Due 10/31/2020	0.00	2,406.25	2,406.25
04/30/2016	Interest	912828D23	750,000.00	US Treasury Note 1.625% Due 4/30/2019	0.00	6,093.75	6,093.75
04/30/2016	Interest	912828UZ1	400,000.00	US Treasury Note 0.625% Due 4/30/2018	0.00	1,250.00	1,250.00
Apr 2016					76,591.42	15,464.70	92,056.12
05/03/2016	Interest	037833AJ9	310,000.00	Apple Inc Note 1% Due 5/3/2018	0.00	1,550.00	1,550.00
05/03/2016	Interest	594918BG8	300,000.00	Microsoft Callable Note Cont. 10/03/20 2% Due 11/3/2020	0.00	3,000.00	3,000.00



Cash Flow Report

From 12/31/2015

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
05/15/2016	Paydown	477879AC4	46,760.90	John Deere Owner Trust 2013-B A3 0.87% Due 8/15/2017	2,325.74	27.17	2,352.91
05/15/2016	Paydown	47787VAC5	264,812.96	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	18,481.52	142.15	18,623.67
05/15/2016	Paydown	89231MAC9	172,191.87	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	13,401.09	63.77	13,464.86
05/15/2016	Paydown	89231TAB6	150,000.00	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	7,469.07	90.57	7,559.64
05/15/2016	Paydown	89236WAC2	225,000.00	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	10,740.31	167.64	10,907.95
05/18/2016	Paydown	43814GAC4	190,848.83	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	12,753.61	87.29	12,840.90
05/19/2016	Maturity	38259PAC6	260,000.00	Google Inc Note 2.125% Due 5/19/2016	260,000.00	2,762.50	262,762.50
05/21/2016	Interest	3135G0WJ8	600,000.00	FNMA Note 0.875% Due 5/21/2018	0.00	2,625.00	2,625.00
05/21/2016	Paydown	43813NAC0	275,000.00	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	9,463.26	204.22	9,667.48
05/27/2016	Interest	3135G0YT4	800,000.00	FNMA Note 1.625% Due 11/27/2018	0.00	6,500.00	6,500.00
05/27/2016	Maturity	3137EACT4	910,000.00	FHLMC Note 2.5% Due 5/27/2016	910,000.00	11,375.00	921,375.00
05/30/2016	Interest	3135G0F73	500,000.00	FNMA Note 1.5% Due 11/30/2020	0.00	3,750.00	3,750.00
05/30/2016	Interest	3137EADG1	1,000,000.00	FHLMC Note 1.75% Due 5/30/2019	0.00	8,750.00	8,750.00
05/31/2016	Interest	912828G61	1,075,000.00	US Treasury Note 1.5% Due 11/30/2019	0.00	8,062.50	8,062.50
05/31/2016	Interest	912828RU6	125,000.00	US Treasury Note 0.875% Due 11/30/2016	0.00	546.88	546.88
05/31/2016	Interest	912828XE5	500,000.00	US Treasury Note 1.5% Due 5/31/2020	0.00	3,750.00	3,750.00
May 2016					1,244,634.60	53,454.69	1,298,089.29
06/05/2016	Interest	166764AA8	340,000.00	Chevron Corp Callable Note Cont 11/5/17 1.104% Due 12/5/2017	0.00	1,876.80	1,876.80
06/09/2016	Interest	313379FW4	500,000.00	FHLB Note 1% Due 6/9/2017	0.00	2,500.00	2,500.00
06/10/2016	Maturity	313373SZ6	300,000.00	FHLB Note 2.125% Due 6/10/2016	300,000.00	3,187.50	303,187.50
06/12/2016	Interest	313383HU8	500,000.00	FHLB Note 1.75% Due 6/12/2020	0.00	4,375.00	4,375.00



Cash Flow Report

From 12/31/2015

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
06/15/2016	Interest	912828G79	400,000.00	US Treasury Note 1% Due 12/15/2017	0.00	2,000.00	2,000.00
06/15/2016	Paydown	477879AC4	46,760.90	John Deere Owner Trust 2013-B A3 0.87% Due 8/15/2017	2,327.96	25.49	2,353.45
06/15/2016	Paydown	47787VAC5	264,812.96	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	17,932.62	127.98	18,060.60
06/15/2016	Paydown	89231TAB6	150,000.00	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	7,270.30	84.85	7,355.15
06/15/2016	Paydown	89236WAC2	225,000.00	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	10,496.85	157.61	10,654.46
06/15/2016	Paydown	89231MAC9	172,191.87	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	12,962.45	56.29	13,018.74
06/18/2016	Paydown	43814GAC4	190,848.83	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	12,373.48	79.11	12,452.59
06/21/2016	Paydown	43813NAC0	275,000.00	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	9,311.92	196.02	9,507.94
Jun 2016					372,675.58	14,666.65	387,342.23
07/14/2016	Interest	3137EADV8	400,000.00	FHLMC Note 0.75% Due 7/14/2017	0.00	1,500.00	1,500.00
07/15/2016	Paydown	89231MAC9	172,191.87	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	12,523.31	49.05	12,572.36
07/15/2016	Paydown	89231TAB6	150,000.00	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	7,071.38	79.27	7,150.65
07/15/2016	Paydown	89236WAC2	225,000.00	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	10,253.11	147.81	10,400.92
07/15/2016	Paydown	477879AC4	46,760.90	John Deere Owner Trust 2013-B A3 0.87% Due 8/15/2017	2,330.19	23.80	2,353.99
07/15/2016	Paydown	47787VAC5	264,812.96	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	17,383.08	114.23	17,497.31
07/18/2016	Paydown	43814GAC4	190,848.83	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	11,992.98	71.17	12,064.15
07/21/2016	Interest	3135G0A78	500,000.00	FNMA Note 1.625% Due 1/21/2020	0.00	4,062.50	4,062.50
07/21/2016	Paydown	43813NAC0	275,000.00	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	9,160.39	187.95	9,348.34
07/30/2016	Interest	3135G0GY3	250,000.00	FNMA Note 1.25% Due 1/30/2017	0.00	1,562.50	1,562.50
07/31/2016	Interest	912828B33	500,000.00	US Treasury Note 1.5% Due 1/31/2019	0.00	3,750.00	3,750.00
07/31/2016	Interest	912828VQ0	250,000.00	US Treasury Note 1.375% Due 7/31/2018	0.00	1,718.75	1,718.75



Cash Flow Report

From 12/31/2015

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
07/31/2016	Interest	912828XM7	625,000.00	US Treasury Note 1.625% Due 7/31/2020	0.00	5,078.13	5,078.13
Jul 2016					70,714.44	18,345.16	89,059.60
08/14/2016	Interest	084670BL1	350,000.00	Berkshire Hathaway Note 2.1% Due 8/14/2019	0.00	3,675.00	3,675.00
08/15/2016	Paydown	89231MAC9	172,191.87	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	12,083.66	42.06	12,125.72
08/15/2016	Paydown	477879AC4	46,760.90	John Deere Owner Trust 2013-B A3 0.87% Due 8/15/2017	2,332.42	22.11	2,354.53
08/15/2016	Paydown	47787VAC5	264,812.96	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	16,832.91	100.90	16,933.81
08/15/2016	Paydown	89231TAB6	150,000.00	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	6,872.27	73.85	6,946.12
08/15/2016	Paydown	89236WAC2	225,000.00	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	10,009.08	138.24	10,147.32
08/18/2016	Paydown	43814GAC4	190,848.83	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	11,612.12	63.47	11,675.59
08/21/2016	Paydown	43813NAC0	275,000.00	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	9,008.65	180.01	9,188.66
08/25/2016	Maturity	3137EACW7	650,000.00	FHLMC Note 2% Due 8/25/2016	650,000.00	6,500.00	656,500.00
08/31/2016	Interest	912828D80	250,000.00	US Treasury Note 1.625% Due 8/31/2019	0.00	2,031.25	2,031.25
08/31/2016	Interest	912828J50	625,000.00	US Treasury Note 1.375% Due 2/29/2020	0.00	4,296.88	4,296.88
08/31/2016	Interest	912828RE2	200,000.00	US Treasury Note 1.5% Due 8/31/2018	0.00	1,500.00	1,500.00
08/31/2016	Interest	912828C24	800,000.00	US Treasury Note 1.5% Due 2/28/2019	0.00	6,000.00	6,000.00
08/31/2016	Interest	912828TM2	125,000.00	US Treasury Note 0.625% Due 8/31/2017	0.00	390.62	390.62
Aug 2016					718,751.11	25,014.39	743,765.50
09/07/2016	Interest	3137EADP1	775,000.00	FHLMC Note 0.875% Due 3/7/2018	0.00	3,390.63	3,390.63
09/08/2016	Interest	3137EADC0	500,000.00	FHLMC Note 1% Due 3/8/2017	0.00	2,500.00	2,500.00
09/09/2016	Interest	313378A43	500,000.00	FHLB Note 1.375% Due 3/9/2018	0.00	3,437.50	3,437.50



Cash Flow Report

From 12/31/2015

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
09/12/2016	Interest	3135G0ZG1	500,000.00	FNMA Note 1.75% Due 9/12/2019	0.00	4,375.00	4,375.00
09/14/2016	Interest	313375K48	750,000.00	FHLB Note 2% Due 9/14/2018	0.00	7,500.00	7,500.00
09/15/2016	Interest	30231GAA0	360,000.00	Exxon Mobil Corp Note 0.921% Due 3/15/2017	0.00	1,657.80	1,657.80
09/15/2016	Paydown	477879AC4	46,760.90	John Deere Owner Trust 2013-B A3 0.87% Due 8/15/2017	2,334.65	20.42	2,355.07
09/15/2016	Paydown	47787VAC5	264,812.96	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	16,282.10	88.00	16,370.10
09/15/2016	Paydown	89231MAC9	172,191.87	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	11,643.50	35.31	11,678.81
09/15/2016	Paydown	89231TAB6	150,000.00	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	6,672.99	68.58	6,741.57
09/15/2016	Paydown	89236WAC2	225,000.00	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	9,764.76	128.90	9,893.66
09/18/2016	Paydown	43814GAC4	190,848.83	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	11,230.87	56.02	11,286.89
09/21/2016	Interest	3133EAY28	375,000.00	FFCB Note 0.83% Due 9/21/2017	0.00	1,556.25	1,556.25
09/21/2016	Paydown	43813NAC0	275,000.00	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	8,856.72	172.20	9,028.92
09/27/2016	Interest	3135G0ZL0	385,000.00	FNMA Note 1% Due 9/27/2017	0.00	1,925.00	1,925.00
09/28/2016	Maturity	3135G0CM3	525,000.00	FNMA Note 1.25% Due 9/28/2016	525,000.00	3,281.25	528,281.25
Sep 2016					591,785.59	30,192.86	621,978.45
10/15/2016	Paydown	477879AC4	46,760.90	John Deere Owner Trust 2013-B A3 0.87% Due 8/15/2017	2,336.89	18.73	2,355.62
10/15/2016	Paydown	47787VAC5	264,812.96	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	15,730.64	75.52	15,806.16
10/15/2016	Paydown	89231TAB6	150,000.00	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	6,473.54	63.47	6,537.01
10/15/2016	Paydown	89236WAC2	225,000.00	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	9,520.17	119.79	9,639.96
10/15/2016	Paydown	89231MAC9	172,191.87	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	11,202.83	28.81	11,231.64
10/18/2016	Paydown	43814GAC4	190,848.83	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	10,849.25	48.82	10,898.07
10/21/2016	Paydown	43813NAC0	275,000.00	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	8,704.57	164.53	8,869.10



Cash Flow Report

From 12/31/2015

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
10/25/2016	Interest	3130A4GJ5	500,000.00	FHLB Note 1.125% Due 4/25/2018	0.00	2,812.50	2,812.50
10/31/2016	Interest	912828D23	750,000.00	US Treasury Note 1.625% Due 4/30/2019	0.00	6,093.75	6,093.75
10/31/2016	Interest	912828UZ1	400,000.00	US Treasury Note 0.625% Due 4/30/2018	0.00	1,250.00	1,250.00
10/31/2016	Interest	912828K58	300,000.00	US Treasury Note 1.375% Due 4/30/2020	0.00	2,062.50	2,062.50
10/31/2016	Interest	912828L99	350,000.00	US Treasury Note 1.375% Due 10/31/2020	0.00	2,406.25	2,406.25
Oct 2016					64,817.89	15,144.67	79,962.56
11/03/2016	Interest	037833AJ9	310,000.00	Apple Inc Note 1% Due 5/3/2018	0.00	1,550.00	1,550.00
11/03/2016	Interest	594918BG8	300,000.00	Microsoft Callable Note Cont. 10/03/20 2% Due 11/3/2020	0.00	3,000.00	3,000.00
11/15/2016	Paydown	477879AC4	46,760.90	John Deere Owner Trust 2013-B A3 0.87% Due 8/15/2017	2,339.13	17.03	2,356.16
11/15/2016	Paydown	47787VAC5	264,812.96	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	15,178.56	63.46	15,242.02
11/15/2016	Paydown	89231MAC9	172,191.87	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	10,761.66	22.55	10,784.21
11/15/2016	Paydown	89231TAB6	150,000.00	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	6,273.92	58.50	6,332.42
11/15/2016	Paydown	89236WAC2	225,000.00	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	9,275.29	110.90	9,386.19
11/18/2016	Paydown	43814GAC4	190,848.83	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	10,467.27	41.85	10,509.12
11/21/2016	Interest	3135G0WJ8	600,000.00	FNMA Note 0.875% Due 5/21/2018	0.00	2,625.00	2,625.00
11/21/2016	Paydown	43813NAC0	275,000.00	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	8,552.24	156.98	8,709.22
11/27/2016	Interest	3135G0YT4	800,000.00	FNMA Note 1.625% Due 11/27/2018	0.00	6,500.00	6,500.00
11/30/2016	Interest	3135G0F73	500,000.00	FNMA Note 1.5% Due 11/30/2020	0.00	3,750.00	3,750.00
11/30/2016	Interest	3137EADG1	1,000,000.00	FHLMC Note 1.75% Due 5/30/2019	0.00	8,750.00	8,750.00
11/30/2016	Interest	912828G61	1,075,000.00	US Treasury Note 1.5% Due 11/30/2019	0.00	8,062.50	8,062.50
11/30/2016	Interest	912828XE5	500,000.00	US Treasury Note 1.5% Due 5/31/2020	0.00	3,750.00	3,750.00



Cash Flow Report

From 12/31/2015

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
11/30/2016	Maturity	912828RU6	125,000.00	US Treasury Note 0.875% Due 11/30/2016	125,000.00	546.88	125,546.88
Nov 2016					187,848.07	39,005.65	226,853.72
12/05/2016	Interest	166764AA8	340,000.00	Chevron Corp Callable Note Cont 11/5/17 1.104% Due 12/5/2017	0.00	1,876.80	1,876.80
12/09/2016	Interest	313379FW4	500,000.00	FHLB Note 1% Due 6/9/2017	0.00	2,500.00	2,500.00
12/12/2016	Interest	313383HU8	500,000.00	FHLB Note 1.75% Due 6/12/2020	0.00	4,375.00	4,375.00
12/15/2016	Interest	912828G79	400,000.00	US Treasury Note 1% Due 12/15/2017	0.00	2,000.00	2,000.00
12/15/2016	Paydown	477879AC4	46,760.90	John Deere Owner Trust 2013-B A3 0.87% Due 8/15/2017	2,341.36	15.34	2,356.70
12/15/2016	Paydown	47787VAC5	264,812.96	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	14,625.83	51.82	14,677.65
12/15/2016	Paydown	89231TAB6	150,000.00	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	6,074.13	53.69	6,127.82
12/15/2016	Paydown	89236WAC2	225,000.00	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	9,030.12	102.25	9,132.37
12/15/2016	Paydown	89231MAC9	172,191.87	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	10,319.97	16.54	10,336.51
12/18/2016	Paydown	43814GAC4	190,848.83	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	10,084.90	35.14	10,120.04
12/21/2016	Paydown	43813NAC0	275,000.00	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	8,399.69	149.57	8,549.26
Dec 2016					60,876.00	11,176.15	72,052.15
Total					4,234,551.33	299,334.33	4,533,885.66



Managed Account Summary Statement

For the Month Ending **December 31, 2015**

SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Transaction Summary - Managed Account

Opening Market Value	\$21,172,949.55
Maturities/Calls	(46,506.75)
Principal Dispositions	(301,617.19)
Principal Acquisitions	886,797.85
Unsettled Trades	0.00
Change in Current Value	(69,287.77)
Closing Market Value	\$21,642,335.69

Cash Transactions Summary - Managed Account

Maturities/Calls	0.00
Sale Proceeds	302,047.52
Coupon/Interest/Dividend Income	18,993.33
Principal Payments	46,506.75
Security Purchases	(893,743.51)
Net Cash Contribution	0.00
Reconciling Transactions	0.00

Earnings Reconciliation (Cash Basis) - Managed Account

Interest/Dividends/Coupons Received	19,423.66
Less Purchased Interest Related to Interest/Coupons	(6,945.66)
Plus Net Realized Gains/Losses	(9,476.40)
Total Cash Basis Earnings	\$3,001.60

Cash Balance

Closing Cash Balance	\$79,346.19
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Earnings Reconciliation (Accrual Basis)

	Total
Ending Amortized Value of Securities	21,676,484.10
Ending Accrued Interest	70,979.03
Plus Proceeds from Sales	302,047.52
Plus Proceeds of Maturities/Calls/Principal Payments	46,506.75
Plus Coupons/Dividends Received	18,993.33
Less Cost of New Purchases	(893,743.51)
Less Beginning Amortized Value of Securities	(21,141,873.39)
Less Beginning Accrued Interest	(52,248.22)
Total Accrual Basis Earnings	\$27,145.61



Portfolio Summary and Statistics

For the Month Ending **December 31, 2015**

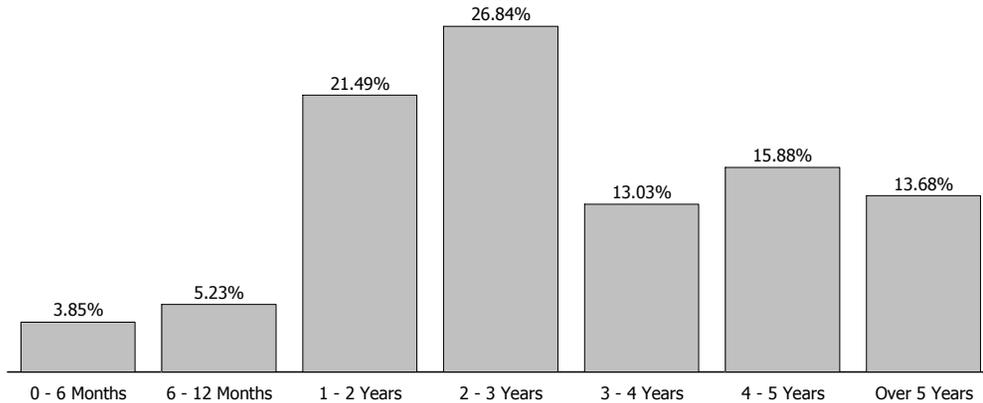
SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Account Summary

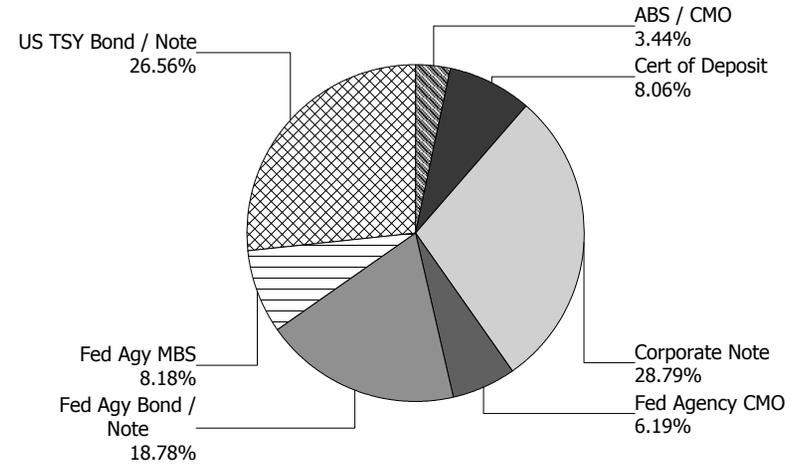
Description	Par Value	Market Value	Percent
U.S. Treasury Bond / Note	5,775,000.00	5,747,506.51	26.56
Federal Agency Mortgage-Backed Security	1,674,625.27	1,770,694.21	8.18
Federal Agency Collateralized Mortgage Obligation	1,306,623.56	1,339,564.21	6.19
Federal Agency Bond / Note	4,055,000.00	4,064,429.37	18.78
Corporate Note	6,170,000.00	6,230,375.53	28.79
Certificate of Deposit	1,750,000.00	1,744,558.70	8.06
Asset-Backed Security / Collateralized Mortgage Obligation	750,000.00	745,207.16	3.44
Managed Account Sub-Total	21,481,248.83	21,642,335.69	100.00%
Accrued Interest		70,979.03	
Total Portfolio	21,481,248.83	21,713,314.72	

Unsettled Trades **0.00** **0.00**

Maturity Distribution



Sector Allocation



Characteristics

Yield to Maturity at Cost	1.56%
Yield to Maturity at Market	1.54%
Duration to Worst	2.80
Weighted Average Days to Maturity	1580



Managed Account Issuer Summary

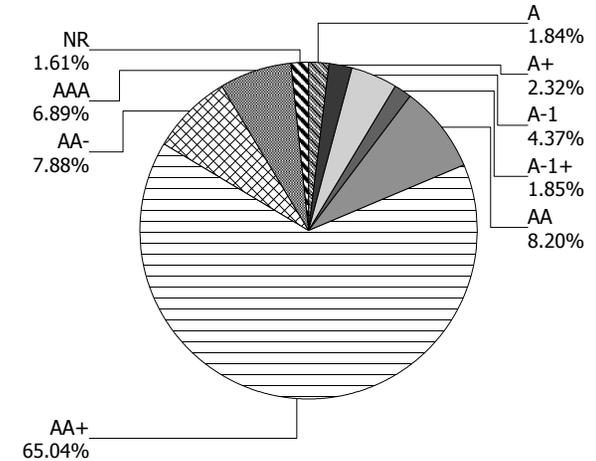
For the Month Ending **December 31, 2015**

SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Issuer Summary

Issuer	Market Value of Holdings	Percent
APPLE INC	718,506.00	3.32
BANK OF AMERICA CREDIT CARD TRUST	397,288.68	1.84
BANK OF NEW YORK CO INC	398,504.00	1.84
BERKSHIRE HATHAWAY INC	426,551.18	1.97
CHEVRON CORP	487,187.68	2.25
CISCO SYSTEMS INC	403,797.20	1.87
EXXON MOBIL CORP	399,364.40	1.85
FANNIE MAE	4,841,345.37	22.37
FEDERAL HOME LOAN BANKS	424,374.40	1.96
FREDDIE MAC	1,535,229.54	7.09
GENERAL ELECTRIC CO	437,412.69	2.02
IBM CORP	588,368.95	2.72
JOHNSON & JOHNSON	224,948.25	1.04
MICROSOFT CORP	469,126.59	2.17
NISSAN AUTO RECEIVABLES	347,918.48	1.61
PFIZER INC	309,749.21	1.43
RABOBANK NEDERLAND	497,600.00	2.30
SKANDINAVISKA ENSKIDA BANKEN AB	448,231.50	2.07
TENNESSEE VALLEY AUTHORITY NOTES	373,738.48	1.73
TORONTO-DOMINION BANK	400,204.00	1.85
TOYOTA MOTOR CORP	314,817.54	1.45
UNITED STATES TREASURY	5,747,506.51	26.55
US BANCORP	900,034.20	4.16
WAL-MART STORES INC	550,530.84	2.54
Total	\$21,642,335.69	100.00%

Credit Quality (S&P Ratings)





Managed Account Detail of Securities Held

For the Month Ending **December 31, 2015**

SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury Bond / Note											
US TREASURY NOTES DTD 09/30/2011 1.000% 09/30/2016	912828RJ1	80,000.00	AA+	Aaa	04/30/14	05/05/14	80,734.37	0.61	203.28	80,228.95	80,159.36
US TREASURY NOTES DTD 01/03/2012 0.875% 12/31/2016	912828RX0	300,000.00	AA+	Aaa	01/23/12	01/26/12	299,460.94	0.91	7.21	299,889.04	300,187.50
US TREASURY NOTES DTD 08/31/2011 1.500% 08/31/2018	912828RE2	520,000.00	AA+	Aaa	09/02/14	09/04/14	521,360.94	1.43	2,635.71	520,916.88	523,453.32
US TREASURY NOTES DTD 10/31/2013 1.250% 10/31/2018	912828WD8	200,000.00	AA+	Aaa	10/30/14	11/03/14	199,320.31	1.34	425.82	199,514.57	199,718.80
US TREASURY NOTES DTD 12/02/2013 1.250% 11/30/2018	912828A34	325,000.00	AA+	Aaa	06/02/14	06/03/14	322,727.54	1.41	355.19	323,510.39	324,454.00
US TREASURY NOTES DTD 02/29/2012 1.375% 02/28/2019	912828SH4	400,000.00	AA+	Aaa	12/01/14	12/03/14	400,656.25	1.33	1,858.52	400,494.53	399,734.40
US TREASURY NOTES DTD 10/01/2012 1.000% 09/30/2019	912828TR1	250,000.00	AA+	Aaa	04/28/15	04/30/15	246,669.92	1.31	635.25	247,165.00	244,746.00
US TREASURY NOTES DTD 10/01/2012 1.000% 09/30/2019	912828TR1	350,000.00	AA+	Aaa	03/26/15	03/27/15	343,806.64	1.41	889.34	344,830.39	342,644.40
US TREASURY NOTES DTD 10/01/2012 1.000% 09/30/2019	912828TR1	650,000.00	AA+	Aaa	02/26/15	02/27/15	636,923.83	1.45	1,651.64	639,261.65	636,339.60
US TREASURY NOTES DTD 10/31/2014 1.500% 10/31/2019	912828F62	550,000.00	AA+	Aaa	05/28/15	05/29/15	552,234.38	1.40	1,405.22	551,944.86	548,281.25
US TREASURY NOTES DTD 10/31/2014 1.500% 10/31/2019	912828F62	650,000.00	AA+	Aaa	09/03/15	09/04/15	653,351.56	1.37	1,660.71	653,099.02	647,968.75
US TREASURY NOTES DTD 02/28/2013 1.250% 02/29/2020	912828UO1	275,000.00	AA+	Aaa	11/05/15	11/09/15	271,379.88	1.57	1,161.57	271,499.16	270,499.08
US TREASURY NOTES DTD 02/28/2013 1.250% 02/29/2020	912828UO1	350,000.00	AA+	Aaa	10/08/15	10/09/15	349,042.97	1.31	1,478.37	349,092.59	344,271.55
US TREASURY NOTES DTD 07/31/2013 2.000% 07/31/2020	912828VP2	200,000.00	AA+	Aaa	12/02/15	12/04/15	203,281.25	1.63	1,673.91	203,230.41	202,296.80



Managed Account Detail of Securities Held

For the Month Ending **December 31, 2015**

SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury Bond / Note											
US TREASURY NOTES DTD 07/31/2013 2.000% 07/31/2020	912828VP2	675,000.00	AA+	Aaa	12/28/15	12/30/15	683,516.60	1.71	5,649.46	683,507.15	682,751.70
Security Type Sub-Total		5,775,000.00					5,764,467.38	1.41	21,691.20	5,768,184.59	5,747,506.51
Federal Agency Mortgage-Backed Security											
FNMA POOL #AB5396 DTD 05/01/2012 3.000% 06/01/2022	31417B7J0	133,958.97	AA+	Aaa	08/15/12	08/20/12	141,284.86	1.84	334.90	138,706.07	138,233.45
FNMA POOL #AS4197 DTD 12/01/2014 3.500% 01/01/2030	3138WDUX7	395,996.56	AA+	Aaa	07/10/15	07/16/15	419,261.36	2.62	1,154.99	418,258.27	416,865.74
FNMA POOL #AB5434 DTD 05/01/2012 3.000% 06/01/2032	31417CBC8	284,373.81	AA+	Aaa	07/17/12	07/20/12	297,570.52	2.48	710.93	295,709.68	291,990.27
FNMA POOL #MA1084 DTD 05/01/2012 3.500% 06/01/2032	31418AF29	301,369.04	AA+	Aaa	07/17/12	07/20/12	321,193.49	2.76	878.99	318,354.31	315,084.91
FHLMC POOL #A86315 DTD 05/01/2009 4.500% 05/01/2039	312933AO7	52,301.01	AA+	Aaa	10/11/11	10/13/11	54,920.14	4.05	196.13	54,920.15	56,322.74
FNMA POOL #AC1637 DTD 08/01/2009 5.000% 09/01/2039	31417KZB6	227,336.88	AA+	Aaa	12/15/14	12/18/14	252,912.26	3.92	947.24	252,912.28	250,556.34
FNMA POOL #AB3033 DTD 04/01/2011 4.500% 05/01/2041	31416YLP1	279,289.00	AA+	Aaa	10/06/11	10/13/11	295,828.15	3.99	1,047.33	293,936.79	301,640.76
Security Type Sub-Total		1,674,625.27					1,782,970.78	3.03	5,270.51	1,772,797.55	1,770,694.21
Federal Agency Collateralized Mortgage Obligation											
FNMA SERIES 2015-M1 ASQ2 DTD 01/15/2015 1.626% 02/01/2018	3136AMKW8	150,000.00	AA+	Aaa	01/15/15	01/30/15	151,498.88	1.26	203.25	150,966.15	150,455.39
FHLMC SERIES K717 A1 DTD 12/01/2014 2.342% 02/01/2021	3137BFDP3	140,978.01	AA+	Aaa	11/19/14	12/09/14	143,792.63	1.67	275.14	143,238.70	142,874.59
FHLMC SERIES K718 A1 DTD 05/01/2015 2.375% 09/01/2021	3137BHXX0	488,995.95	AA+	Aaa	05/13/15	05/27/15	498,761.20	1.68	967.80	498,761.20	496,952.94



Managed Account Detail of Securities Held

For the Month Ending **December 31, 2015**

SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Federal Agency Collateralized Mortgage Obligation											
FNMA SERIES 2015-MA AV1 DTD 03/01/2015 2.013% 07/01/2022	3136AMM30	187,119.62	AA+	Aaa	03/12/15	03/31/15	188,987.42	1.71	313.89	188,768.37	188,855.72
FREDDIE MAC SERIES 3842 DTD 04/01/2011 4.000% 04/01/2041	3137A9QP4	339,529.98	AA+	Aaa	05/05/15	05/08/15	364,225.48	3.35	1,131.77	364,225.48	360,425.57

Security Type Sub-Total		1,306,623.56					1,347,265.61	2.08	2,891.85	1,345,959.90	1,339,564.21
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Federal Agency Bond / Note											
FANNIE MAE GLOBAL NOTES DTD 02/15/2013 0.500% 03/30/2016	3135G0VA8	140,000.00	AA+	Aaa	02/14/13	02/15/13	139,840.40	0.54	176.94	139,987.28	140,010.78
FHLMC NOTES DTD 04/08/2011 2.500% 05/27/2016	3137EACT4	475,000.00	AA+	Aaa	10/11/11	10/12/11	499,419.75	1.35	1,121.53	477,201.53	478,653.70
FNMA NOTES DTD 08/19/2011 1.250% 09/28/2016	3135G0CM3	650,000.00	AA+	Aaa	10/11/11	10/12/11	644,065.50	1.44	2,098.96	649,086.43	652,355.60
FHLB GLOBAL NOTES (CALLABLE) DTD 03/24/2015 0.840% 03/24/2017	3130A4OV7	425,000.00	AA+	Aaa	03/17/15	03/24/15	425,000.00	0.84	961.92	425,000.00	424,374.40
FANNIE MAE GLOBAL NOTES DTD 09/24/2012 0.875% 10/26/2017	3135G0PO0	225,000.00	AA+	Aaa	11/27/13	12/03/13	223,260.75	1.08	355.47	224,179.29	224,070.75
FANNIE MAE GLOBAL NOTES DTD 04/15/2013 0.875% 05/21/2018	3135G0WJ8	250,000.00	AA+	Aaa	05/24/13	05/31/13	246,212.50	1.19	243.06	248,152.70	247,656.50
FANNIE MAE GLOBAL NOTES DTD 04/15/2013 0.875% 05/21/2018	3135G0WJ8	450,000.00	AA+	Aaa	05/22/13	05/24/13	446,197.50	1.05	437.50	448,155.64	445,781.70
TENNESSEE VALLEY AUTHORITY NOTES DTD 09/27/2013 1.750% 10/15/2018	880591EO1	370,000.00	AA+	Aaa	09/24/13	09/27/13	368,238.80	1.85	1,366.94	369,006.61	373,738.48
FANNIE MAE GLOBAL NOTES DTD 10/01/2013 1.625% 11/27/2018	3135G0YT4	370,000.00	AA+	Aaa	10/22/14	10/23/14	373,515.00	1.39	567.85	372,515.67	372,692.86
FANNIE MAE GLOBAL NOTES DTD 10/01/2013 1.625% 11/27/2018	3135G0YT4	700,000.00	AA+	Aaa	06/16/14	06/19/14	700,021.00	1.62	1,074.31	700,015.55	705,094.60

Security Type Sub-Total		4,055,000.00					4,065,771.20	1.32	8,404.48	4,053,300.70	4,064,429.37
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Managed Account Detail of Securities Held

For the Month Ending **December 31, 2015**

SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate Note											
TOYOTA MOTOR CREDIT CORP DTD 05/17/2013 0.800% 05/17/2016	89236TAL9	215,000.00	AA-	Aa3	05/14/13	05/17/13	214,911.85	0.81	210.22	214,988.79	215,007.74
IBM CORP GLOBAL NOTES DTD 02/06/2012 1.250% 02/06/2017	459200HC8	145,000.00	AA-	Aa3	02/01/12	02/06/12	144,357.65	1.34	730.03	144,855.37	145,178.79
WAL-MART STORES INC SR NOTES DTD 04/05/2007 5.375% 04/05/2017	931142CG6	310,000.00	AA	Aa2	04/05/12	04/11/12	363,967.90	1.72	3,980.49	324,088.92	326,469.99
APPLE INC CORP NOTE DTD 05/06/2014 1.050% 05/05/2017	037833AM2	500,000.00	AA+	Aa1	04/29/14	05/06/14	499,735.00	1.07	802.08	499,880.13	500,293.50
BERKSHIRE HATHAWAY FIN GLOBAL NOTES DTD 05/15/2012 1.600% 05/15/2017	084664BS9	175,000.00	AA	Aa2	01/08/13	01/15/13	177,493.75	1.26	357.78	175,804.57	176,144.68
PFIZER INC CORPORATE NOTE DTD 05/15/2014 1.100% 05/15/2017	717081DJ9	310,000.00	AA	A1	05/12/14	05/15/14	309,727.20	1.13	435.72	309,874.10	309,749.21
US BANCORP (CALLABLE) DTD 05/08/2012 1.650% 05/15/2017	91159HHD5	500,000.00	A+	A1	07/25/12	07/30/12	510,680.00	1.19	1,054.17	502,984.17	501,511.00
JOHNSON & JOHNSON CORP NOTES DTD 11/21/2014 1.125% 11/21/2017	478160BL7	225,000.00	AAA	Aaa	11/18/14	11/21/14	224,822.25	1.15	281.25	224,887.39	224,948.25
CHEVRON CORP (CALLABLE) GLOBAL NOTES DTD 12/05/2012 1.104% 12/05/2017	166764AA8	75,000.00	AA	Aa1	11/29/12	12/05/12	75,405.75	0.99	59.80	75,154.61	74,484.30
CHEVRON CORP (CALLABLE) GLOBAL NOTES DTD 12/05/2012 1.104% 12/05/2017	166764AA8	100,000.00	AA	Aa1	11/28/12	12/05/12	100,000.00	1.10	79.73	100,000.00	99,312.40
TOYOTA MOTOR CREDIT CORP NOTE DTD 01/12/2015 1.450% 01/12/2018	89236TCA1	100,000.00	AA-	Aa3	01/07/15	01/12/15	99,863.00	1.50	680.69	99,906.61	99,809.80
IBM CORP NOTES DTD 02/06/2015 1.125% 02/06/2018	459200HZ7	200,000.00	AA-	Aa3	02/03/15	02/06/15	199,390.00	1.23	906.25	199,571.26	198,660.80
IBM CORP GLOBAL NOTES DTD 02/08/2013 1.250% 02/08/2018	459200HK0	245,000.00	AA-	Aa3	02/05/13	02/08/13	243,877.90	1.35	1,216.49	244,518.98	244,529.36
BERKSHIRE HATHAWAY GLOBAL NOTE DTD 02/11/2013 1.550% 02/09/2018	084670BH0	250,000.00	AA	Aa2	01/29/13	02/11/13	249,652.50	1.58	1,528.47	249,850.15	250,406.50



Managed Account Detail of Securities Held

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SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate Note											
EXXON MOBIL CORP NOTES DTD 03/06/2015 1.305% 03/06/2018	30231GAL6	400,000.00	AAA	Aaa	03/04/15	03/06/15	400,000.00	1.31	1,667.50	400,000.00	399,364.40
WAL-MART STORES INC GLOBAL NOTES DTD 04/11/2013 1.125% 04/11/2018	931142DF7	225,000.00	AA	Aa2	04/04/13	04/11/13	224,793.00	1.14	562.50	224,904.25	224,060.85
MICROSOFT CORP GLOBAL NOTES DTD 05/02/2013 1.000% 05/01/2018	594918AS3	120,000.00	AAA	Aaa	04/25/13	05/02/13	119,924.40	1.01	200.00	119,964.23	119,028.24
APPLE INC GLOBAL NOTES DTD 05/03/2013 1.000% 05/03/2018	037833AJ9	220,000.00	AA+	Aa1	04/30/13	05/03/13	219,188.20	1.08	354.44	219,614.88	218,212.50
BANK OF NEW YORK MELLON CORP (CALLABLE) DTD 05/29/2015 1.600% 05/22/2018	06406HDB2	400,000.00	A	A1	05/22/15	05/29/15	399,964.00	1.60	693.33	399,970.60	398,504.00
CHEVRON CORP GLOBAL NOTES DTD 06/24/2013 1.718% 06/24/2018	166764AE0	315,000.00	AA	Aa1	06/17/13	06/24/13	315,000.00	1.72	105.23	315,000.00	313,390.98
GENERAL ELECTRIC CAP CORP NOTES DTD 01/08/2010 5.500% 01/08/2020	36962G4J0	390,000.00	AA+	A1	03/20/15	03/25/15	450,968.70	2.05	10,307.92	441,608.99	437,412.69
CISCO SYSTEMS INC CORP NOTES DTD 06/17/2015 2.450% 06/15/2020	17275RAX0	400,000.00	AA-	A1	06/10/15	06/17/15	399,460.00	2.48	435.56	399,514.85	403,797.20
MICROSOFT CORP NOTES DTD 11/03/2015 2.000% 11/03/2020	594918BG8	350,000.00	AAA	Aaa	10/29/15	11/03/15	349,720.00	2.02	1,127.78	349,728.62	350,098.35
Security Type Sub-Total		6,170,000.00					6,292,903.05	1.46	27,777.43	6,236,671.47	6,230,375.53
Certificate of Deposit											
TORONTO DOMINION BANK NY CD DTD 09/29/2014 0.900% 09/29/2016	89112UXV8	400,000.00	A-1+	P-1	09/25/14	09/29/14	400,000.00	0.90	940.00	400,000.00	400,204.00
RABOBANK NEDERLAND NV CERT DEPOS DTD 04/27/2015 1.070% 04/21/2017	21684BXH2	500,000.00	A-1	P-1	04/22/15	04/27/15	500,000.00	1.07	1,040.28	500,000.00	497,600.00
US BANK NA CINCINNATI (CALLABLE) CD DTD 09/11/2014 1.375% 09/11/2017	90333VPF1	400,000.00	AA-	A1	09/09/14	09/11/14	399,356.00	1.41	1,680.56	399,636.28	398,523.20



Managed Account Detail of Securities Held

For the Month Ending **December 31, 2015**

SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Security Type/Description	Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Certificate of Deposit												
SKANDINAVISKA ENSKILDA BANKEN NY CD	83050FBG5	450,000.00	A-1	P-1	11/16/15	11/17/15	450,000.00	1.48	832.50	450,000.00	448,231.50	
DTD 11/17/2015 1.480% 11/16/2017												
Security Type Sub-Total		1,750,000.00						1,749,356.00	1.21	4,493.34	1,749,636.28	1,744,558.70
Asset-Backed Security / Collateralized Mortgage Obligation												
NISSAN ABS 2015-B A3	65475WAD0	350,000.00	NR	Aaa	07/15/15	07/22/15	349,972.18	1.34	208.44	349,975.29	347,918.48	
DTD 07/22/2015 1.340% 03/15/2020												
BANK OF AMER CREDIT CARD TR 2015-A2	05522RCU0	400,000.00	AAA	Aaa	04/22/15	04/29/15	399,952.02	1.36	241.78	399,958.32	397,288.68	
DTD 04/29/2015 1.360% 09/15/2020												
Security Type Sub-Total		750,000.00					749,924.20	1.35	450.22	749,933.61	745,207.16	
Managed Account Sub-Total		21,481,248.83					21,752,658.22	1.56	70,979.03	21,676,484.10	21,642,335.69	
Securities Sub-Total		\$21,481,248.83					\$21,752,658.22	1.56%	\$70,979.03	\$21,676,484.10	\$21,642,335.69	
Accrued Interest												\$70,979.03
Total Investments												\$21,713,314.72



Managed Account Fair Market Value & Analytics

For the Month Ending **December 31, 2015**

SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Security Type/Description	Dated Date/Coupon/Maturity	CUSIP	Par	Broker	Next Call Date	Market Price	Market Value	Unreal G/L On Cost	Unreal G/L Amort Cost	Effective Duration	Duration to Worst at Mkt	YTM
U.S. Treasury Bond / Note												
US TREASURY NOTES		912828RJ1	80,000.00	MERRILL		100.20	80,159.36	(575.01)	(69.59)	0.74	0.74	0.73
DTD 09/30/2011 1.000%	09/30/2016											
US TREASURY NOTES		912828RX0	300,000.00	DEUTSCHE		100.06	300,187.50	726.56	298.46	0.99	0.99	0.81
DTD 01/03/2012 0.875%	12/31/2016											
US TREASURY NOTES		912828RE2	520,000.00	BARCLAYS		100.66	523,453.32	2,092.38	2,536.44	2.59	2.59	1.25
DTD 08/31/2011 1.500%	08/31/2018											
US TREASURY NOTES		912828WD8	200,000.00	BARCLAYS		99.86	199,718.80	398.49	204.23	2.77	2.77	1.30
DTD 10/31/2013 1.250%	10/31/2018											
US TREASURY NOTES		912828A34	325,000.00	CITIGRP		99.83	324,454.00	1,726.46	943.61	2.85	2.85	1.31
DTD 12/02/2013 1.250%	11/30/2018											
US TREASURY NOTES		912828SH4	400,000.00	BARCLAYS		99.93	399,734.40	(921.85)	(760.13)	3.07	3.07	1.40
DTD 02/29/2012 1.375%	02/28/2019											
US TREASURY NOTES		912828TR1	250,000.00	MORGANST		97.90	244,746.00	(1,923.92)	(2,419.00)	3.65	3.65	1.58
DTD 10/01/2012 1.000%	09/30/2019											
US TREASURY NOTES		912828TR1	350,000.00	CITIGRP		97.90	342,644.40	(1,162.24)	(2,185.99)	3.65	3.65	1.58
DTD 10/01/2012 1.000%	09/30/2019											
US TREASURY NOTES		912828TR1	650,000.00	MERRILL		97.90	636,339.60	(584.23)	(2,922.05)	3.65	3.65	1.58
DTD 10/01/2012 1.000%	09/30/2019											
US TREASURY NOTES		912828F62	550,000.00	CITIGRP		99.69	548,281.25	(3,953.13)	(3,663.61)	3.70	3.70	1.58
DTD 10/31/2014 1.500%	10/31/2019											
US TREASURY NOTES		912828F62	650,000.00	CITIGRP		99.69	647,968.75	(5,382.81)	(5,130.27)	3.70	3.70	1.58
DTD 10/31/2014 1.500%	10/31/2019											
US TREASURY NOTES		912828UQ1	275,000.00	MERRILL		98.36	270,499.08	(880.80)	(1,000.08)	4.02	4.02	1.66
DTD 02/28/2013 1.250%	02/29/2020											
US TREASURY NOTES		912828UO1	350,000.00	BARCLAYS		98.36	344,271.55	(4,771.42)	(4,821.04)	4.02	4.02	1.66
DTD 02/28/2013 1.250%	02/29/2020											
US TREASURY NOTES		912828VP2	200,000.00	MORGANST		101.15	202,296.80	(984.45)	(933.61)	4.33	4.33	1.74
DTD 07/31/2013 2.000%	07/31/2020											
US TREASURY NOTES		912828VP2	675,000.00	CSFB		101.15	682,751.70	(764.90)	(755.45)	4.33	4.33	1.74
DTD 07/31/2013 2.000%	07/31/2020											
Security Type Sub-Total			5,775,000.00				5,747,506.51	(16,960.87)	(20,678.08)	3.41	3.41	1.49

Federal Agency Mortgage-Backed Security



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Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	Broker	Next Call Date	Market Price	Market Value	Unreal G/L On Cost	Unreal G/L Amort Cost	Effective Duration	Duration to Worst at Mkt	YTM
Federal Agency Mortgage-Backed Security											
FNMA POOL #AB5396 DTD 05/01/2012 3.000% 06/01/2022	31417B7J0	133,958.97	NOMURA		103.19	138,233.45	(3,051.41)	(472.62)	2.29	3.14	1.93
FNMA POOL #AS4197 DTD 12/01/2014 3.500% 01/01/2030	3138WDUX7	395,996.56	JPMCHASE		105.27	416,865.74	(2,395.62)	(1,392.53)	3.85	5.07	2.43
FNMA POOL #AB5434 DTD 05/01/2012 3.000% 06/01/2032	31417CBC8	284,373.81	JPMCHASE		102.68	291,990.27	(5,580.25)	(3,719.41)	5.18	7.29	2.61
FNMA POOL #MA1084 DTD 05/01/2012 3.500% 06/01/2032	31418AF29	301,369.04	GOLDMAN		104.55	315,084.91	(6,108.58)	(3,269.40)	4.49	5.92	2.70
FHLMC POOL #A86315 DTD 05/01/2009 4.500% 05/01/2039	312933AO7	52,301.01	DEUTSCHE		107.69	56,322.74	1,402.60	1,402.59	4.39	5.12	2.97
FNMA POOL #AC1637 DTD 08/01/2009 5.000% 09/01/2039	31417KZB6	227,336.88	CITIGRP		110.21	250,556.34	(2,355.92)	(2,355.94)	3.90	4.57	2.70
FNMA POOL #AB3033 DTD 04/01/2011 4.500% 05/01/2041	31416YLP1	279,289.00	BARCLAYS		108.00	301,640.76	5,812.61	7,703.97	4.46	5.09	2.87
Security Type Sub-Total		1,674,625.27				1,770,694.21	(12,276.57)	(2,103.34)	4.19	5.37	2.60
Federal Agency Collateralized Mortgage Obligation											
FNMA SERIES 2015-M1 ASQ2 DTD 01/15/2015 1.626% 02/01/2018	3136AMKW8	150,000.00	MERRILL		100.30	150,455.39	(1,043.49)	(510.76)	1.96	1.88	1.41
FHLMC SERIES K717 A1 DTD 12/01/2014 2.342% 02/01/2021	3137BFDP3	140,978.01	BARCLAYS		101.35	142,874.59	(918.04)	(364.11)	2.84	4.26	1.99
FHLMC SERIES K718 A1 DTD 05/01/2015 2.375% 09/01/2021	3137BHXX0	488,995.95	MERRILL		101.63	496,952.94	(1,808.26)	(1,808.26)	3.98	4.73	2.00
FNMA SERIES 2015-MA AV1 DTD 03/01/2015 2.013% 07/01/2022	3136AMM30	187,119.62	MORGANST		100.93	188,855.72	(131.70)	87.35	3.16	5.73	1.83
FREDDIE MAC SERIES 3842 DTD 04/01/2011 4.000% 04/01/2041	3137A9QP4	339,529.98	NOMURA		106.15	360,425.57	(3,799.91)	(3,799.91)	3.54	4.41	2.57
Security Type Sub-Total		1,306,623.56				1,339,564.21	(7,701.40)	(6,395.69)	3.40	4.42	2.06
Federal Agency Bond / Note											
FANNIE MAE GLOBAL NOTES DTD 02/15/2013 0.500% 03/30/2016	3135G0VA8	140,000.00	CITIGRP		100.01	140,010.78	170.38	23.50	0.25	0.25	0.47



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Federal Agency Bond / Note												
FHLMC NOTES	DTD 04/08/2011 2.500% 05/27/2016	3137EACT4	475,000.00	SOC GEN		100.77	478,653.70	(20,766.05)	1,452.17	0.41	0.41	0.59
FNMA NOTES	DTD 08/19/2011 1.250% 09/28/2016	3135G0CM3	650,000.00	SOC GEN		100.36	652,355.60	8,290.10	3,269.17	0.74	0.74	0.76
FHLB GLOBAL NOTES (CALLABLE)	DTD 03/24/2015 0.840% 03/24/2017	3130A4OV7	425,000.00	CITIGRP	03/24/16	99.85	424,374.40	(625.60)	(625.60)	1.13	1.22	0.96
FANNIE MAE GLOBAL NOTES	DTD 09/24/2012 0.875% 10/26/2017	3135G0PQ0	225,000.00	SOC GEN		99.59	224,070.75	810.00	(108.54)	1.80	1.80	1.10
FANNIE MAE GLOBAL NOTES	DTD 04/15/2013 0.875% 05/21/2018	3135G0WJ8	250,000.00	CSFB		99.06	247,656.50	1,444.00	(496.20)	2.35	2.35	1.27
FANNIE MAE GLOBAL NOTES	DTD 04/15/2013 0.875% 05/21/2018	3135G0WJ8	450,000.00	BNP PARI		99.06	445,781.70	(415.80)	(2,373.94)	2.35	2.35	1.27
TENNESSEE VALLEY AUTHORITY NOTES	DTD 09/27/2013 1.750% 10/15/2018	880591EQ1	370,000.00	MORGANST		101.01	373,738.48	5,499.68	4,731.87	2.71	2.71	1.38
FANNIE MAE GLOBAL NOTES	DTD 10/01/2013 1.625% 11/27/2018	3135G0YT4	370,000.00	GOLDMAN		100.73	372,692.86	(822.14)	177.19	2.83	2.83	1.37
FANNIE MAE GLOBAL NOTES	DTD 10/01/2013 1.625% 11/27/2018	3135G0YT4	700,000.00	HSBC		100.73	705,094.60	5,073.60	5,079.05	2.83	2.83	1.37
Security Type Sub-Total			4,055,000.00				4,064,429.37	(1,341.83)	11,128.67	1.79	1.80	1.08
Corporate Note												
TOYOTA MOTOR CREDIT CORP	DTD 05/17/2013 0.800% 05/17/2016	89236TAL9	215,000.00	CITIGRP		100.00	215,007.74	95.89	18.95	0.38	0.38	0.78
IBM CORP GLOBAL NOTES	DTD 02/06/2012 1.250% 02/06/2017	459200HC8	145,000.00	MERRILL		100.12	145,178.79	821.14	323.42	1.08	1.08	1.14
WAL-MART STORES INC SR NOTES	DTD 04/05/2007 5.375% 04/05/2017	931142CG6	310,000.00	GOLDMAN		105.31	326,469.99	(37,497.91)	2,381.07	1.22	1.22	1.12
APPLE INC CORP NOTE	DTD 05/06/2014 1.050% 05/05/2017	037833AM2	500,000.00	DEUTSCHE		100.06	500,293.50	558.50	413.37	1.33	1.33	1.01
BERKSHIRE HATHAWAY FIN GLOBAL NOTES	DTD 05/15/2012 1.600% 05/15/2017	084664BS9	175,000.00	GOLDMAN		100.65	176,144.68	(1,349.07)	340.11	1.35	1.35	1.12



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Security Type/Description	CUSIP	Par	Broker	Next Call Date	Market Price	Market Value	Unreal G/L On Cost	Unreal G/L Amort Cost	Effective Duration	Duration to Worst at Mkt	YTM
Corporate Note											
PFIZER INC CORPORATE NOTE DTD 05/15/2014 1.100% 05/15/2017	717081DJ9	310,000.00	JPMCHASE		99.92	309,749.21	22.01	(124.89)	1.36	1.36	1.16
US BANCORP (CALLABLE) DTD 05/08/2012 1.650% 05/15/2017	91159HHD5	500,000.00	BARCLAYS	04/15/17	100.30	501,511.00	(9,169.00)	(1,473.17)	2.42	1.27	1.43
JOHNSON & JOHNSON CORP NOTES DTD 11/21/2014 1.125% 11/21/2017	478160BL7	225,000.00	JPMCHASE		99.98	224,948.25	126.00	60.86	1.86	1.86	1.14
CHEVRON CORP (CALLABLE) GLOBAL NOTES DTD 12/05/2012 1.104% 12/05/2017	166764AA8	75,000.00	BARCLAYS	11/05/17	99.31	74,484.30	(921.45)	(670.31)	2.20	1.90	1.47
CHEVRON CORP (CALLABLE) GLOBAL NOTES DTD 12/05/2012 1.104% 12/05/2017	166764AA8	100,000.00	MORGANST	11/05/17	99.31	99,312.40	(687.60)	(687.60)	2.20	1.90	1.47
TOYOTA MOTOR CREDIT CORP NOTE DTD 01/12/2015 1.450% 01/12/2018	89236TCA1	100,000.00	MERRILL		99.81	99,809.80	(53.20)	(96.81)	1.98	1.98	1.55
IBM CORP NOTES DTD 02/06/2015 1.125% 02/06/2018	459200HZ7	200,000.00	CITIGRP		99.33	198,660.80	(729.20)	(910.46)	2.05	2.05	1.45
IBM CORP GLOBAL NOTES DTD 02/08/2013 1.250% 02/08/2018	459200HK0	245,000.00	HSBC		99.81	244,529.36	651.46	10.38	2.06	2.06	1.34
BERKSHIRE HATHAWAY GLOBAL NOTE DTD 02/11/2013 1.550% 02/09/2018	084670BHO	250,000.00	GOLDMAN		100.16	250,406.50	754.00	556.35	2.05	2.05	1.47
EXXON MOBIL CORP NOTES DTD 03/06/2015 1.305% 03/06/2018	30231GAL6	400,000.00	JPMCHASE		99.84	399,364.40	(635.60)	(635.60)	2.13	2.13	1.38
WAL-MART STORES INC GLOBAL NOTES DTD 04/11/2013 1.125% 04/11/2018	931142DF7	225,000.00	MORGANST		99.58	224,060.85	(732.15)	(843.40)	2.24	2.24	1.31
MICROSOFT CORP GLOBAL NOTES DTD 05/02/2013 1.000% 05/01/2018	594918AS3	120,000.00	MERRILL		99.19	119,028.24	(896.16)	(935.99)	2.29	2.29	1.35
APPLE INC GLOBAL NOTES DTD 05/03/2013 1.000% 05/03/2018	037833AJ9	220,000.00	GOLDMAN		99.19	218,212.50	(975.70)	(1,402.38)	2.30	2.30	1.35
BANK OF NEW YORK MELLON CORP (CALLABLE) DTD 05/29/2015 1.600% 05/22/2018	06406HDB2	400,000.00	GOLDMAN	04/22/18	99.63	398,504.00	(1,460.00)	(1,466.60)	2.33	2.33	1.76
CHEVRON CORP GLOBAL NOTES DTD 06/24/2013 1.718% 06/24/2018	166764AE0	315,000.00	BARCLAYS		99.49	313,390.98	(1,609.02)	(1,609.02)	2.41	2.41	1.93



Managed Account Fair Market Value & Analytics

For the Month Ending **December 31, 2015**

SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	Broker	Next Call Date	Market Price	Market Value	Unreal G/L On Cost	Unreal G/L Amort Cost	Effective Duration	Duration to Worst at Mkt	YTM
Corporate Note											
GENERAL ELECTRIC CAP CORP NOTES DTD 01/08/2010 5.500% 01/08/2020	36962G4J0	390,000.00	GOLDMAN		112.16	437,412.69	(13,556.01)	(4,196.30)	3.56	3.56	2.31
CISCO SYSTEMS INC CORP NOTES DTD 06/17/2015 2.450% 06/15/2020	17275RAX0	400,000.00	MORGANST		100.95	403,797.20	4,337.20	4,282.35	4.20	4.20	2.22
MICROSOFT CORP NOTES DTD 11/03/2015 2.000% 11/03/2020	594918BG8	350,000.00	JPMCHASE		100.03	350,098.35	378.35	369.73	4.58	4.58	1.99
Security Type Sub-Total		6,170,000.00				6,230,375.53	(62,527.52)	(6,295.94)	2.29	2.19	1.50
Certificate of Deposit											
TORONTO DOMINION BANK NY CD DTD 09/29/2014 0.900% 09/29/2016	89112UXV8	400,000.00	TD SEC U		100.05	400,204.00	204.00	204.00	0.74	0.74	0.83
RABOBANK NEDERLAND NV CERT DEPOS DTD 04/27/2015 1.070% 04/21/2017	21684BXH2	500,000.00	GOLDMAN		99.52	497,600.00	(2,400.00)	(2,400.00)	1.30	1.30	1.43
US BANK NA CINCINNATI (CALLABLE) CD DTD 09/11/2014 1.375% 09/11/2017	90333VPF1	400,000.00	US BANK	08/11/17	99.63	398,523.20	(832.80)	(1,113.08)	1.69	1.69	1.56
SKANDINAVISKA ENSKILDA BANKEN NY CD DTD 11/17/2015 1.480% 11/16/2017	83050FBG5	450,000.00	GOLDMAN		99.61	448,231.50	(1,768.50)	(1,768.50)	1.86	1.86	1.59
Security Type Sub-Total		1,750,000.00				1,744,558.70	(4,797.30)	(5,077.58)	1.41	1.41	1.36
Asset-Backed Security / Collateralized Mortgage Obligation											
NISSAN ABS 2015-B A3 DTD 07/22/2015 1.340% 03/15/2020	65475WAD0	350,000.00	CITIGRP		99.41	347,918.48	(2,053.70)	(2,056.81)	2.32	3.24	1.52
BANK OF AMER CREDIT CARD TR 2015-A2 DTD 04/29/2015 1.360% 09/15/2020	05522RCU0	400,000.00	MERRILL		99.32	397,288.68	(2,663.34)	(2,669.64)	2.22	2.31	1.65
Security Type Sub-Total		750,000.00				745,207.16	(4,717.04)	(4,726.45)	2.27	2.75	1.59
Managed Account Sub-Total		21,481,248.83				21,642,335.69	(110,322.53)	(34,148.41)	2.65	2.80	1.54



Managed Account Fair Market Value & Analytics

For the Month Ending **December 31, 2015**

SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Securities Sub-Total	\$21,481,248.83	\$21,642,335.69	(\$110,322.53)	(\$34,148.41)	2.65	2.80	1.54%
Accrued Interest		\$70,979.03					
Total Investments		\$21,713,314.72					



Managed Account Security Transactions & Interest

For the Month Ending **December 31, 2015**

SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Transaction Type					Principal	Accrued		Realized G/L	Realized G/L	Sale
Trade	Settle	Security Description	CUSIP	Par	Proceeds	Interest	Total	Cost	Amort Cost	Method
BUY										
12/02/15	12/04/15	US TREASURY NOTES DTD 07/31/2013 2.000% 07/31/2020	912828VP2	200,000.00	(203,281.25)	(1,369.57)	(204,650.82)			
12/28/15	12/30/15	US TREASURY NOTES DTD 07/31/2013 2.000% 07/31/2020	912828VP2	675,000.00	(683,516.60)	(5,576.09)	(689,092.69)			
Transaction Type Sub-Total				875,000.00	(886,797.85)	(6,945.66)	(893,743.51)			
INTEREST										
12/01/15	12/15/15	FHLMC POOL #A86315 DTD 05/01/2009 4.500% 05/01/2039	312933AQ7	54,373.67	0.00	203.90	203.90			
12/01/15	12/15/15	FREDDIE MAC SERIES 3842 DTD 04/01/2011 4.000% 04/01/2041	3137A9OP4	346,011.95	0.00	1,153.37	1,153.37			
12/01/15	12/25/15	FNMA POOL #AB3033 DTD 04/01/2011 4.500% 05/01/2041	31416YLP1	294,441.96	0.00	1,104.16	1,104.16			
12/01/15	12/25/15	FNMA POOL #AB5396 DTD 05/01/2012 3.000% 06/01/2022	31417B7J0	136,099.32	0.00	340.25	340.25			
12/01/15	12/25/15	FHLMC SERIES K717 A1 DTD 12/01/2014 2.342% 02/01/2021	3137BFDP3	141,958.19	0.00	277.06	277.06			
12/01/15	12/25/15	FNMA POOL #MA1084 DTD 05/01/2012 3.500% 06/01/2032	31418AF29	305,417.91	0.00	890.80	890.80			
12/01/15	12/25/15	FNMA POOL #AB5434 DTD 05/01/2012 3.000% 06/01/2032	31417CBC8	285,519.14	0.00	713.80	713.80			
12/01/15	12/25/15	FHLMC SERIES K718 A1 DTD 05/01/2015 2.375% 09/01/2021	3137BHXX0	490,647.75	0.00	971.07	971.07			
12/01/15	12/25/15	FNMA SERIES 2015-M1 ASQ2 DTD 01/15/2015 1.626% 02/01/2018	3136AMKW8	150,000.00	0.00	203.25	203.25			
12/01/15	12/25/15	FNMA POOL #AS4197 DTD 12/01/2014 3.500% 01/01/2030	3138WDUX7	403,088.71	0.00	1,175.68	1,175.68			
12/01/15	12/25/15	FNMA POOL #AC1637 DTD 08/01/2009 5.000% 09/01/2039	31417KZB6	231,430.39	0.00	964.29	964.29			
12/01/15	12/25/15	FNMA SERIES 2015-MA AV1 DTD 03/01/2015 2.013% 07/01/2022	3136AMM30	188,766.59	0.00	316.66	316.66			
12/02/15	12/02/15	MONEY MARKET FUND	MONEY0002	0.00	0.00	4.97	4.97			



Managed Account Security Transactions & Interest

For the Month Ending **December 31, 2015**

SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Transaction Type		Security Description	CUSIP	Par	Principal Proceeds	Accrued Interest	Total	Realized G/L Cost	Realized G/L Amort Cost	Sale Method
Trade	Settle									
INTEREST										
12/05/15	12/05/15	CHEVRON CORP (CALLABLE) GLOBAL NOTES DTD 12/05/2012 1.104% 12/05/2017	166764AA8	75,000.00	0.00	414.00	414.00			
12/05/15	12/05/15	CHEVRON CORP (CALLABLE) GLOBAL NOTES DTD 12/05/2012 1.104% 12/05/2017	166764AA8	100,000.00	0.00	552.00	552.00			
12/15/15	12/15/15	CISCO SYSTEMS INC CORP NOTES DTD 06/17/2015 2.450% 06/15/2020	17275RAX0	400,000.00	0.00	4,845.56	4,845.56			
12/15/15	12/15/15	NISSAN ABS 2015-B A3 DTD 07/22/2015 1.340% 03/15/2020	65475WAD0	350,000.00	0.00	390.83	390.83			
12/15/15	12/15/15	BANK OF AMER CREDIT CARD TR 2015-A2 DTD 04/29/2015 1.360% 09/15/2020	05522RCU0	400,000.00	0.00	453.33	453.33			
12/24/15	12/24/15	CHEVRON CORP GLOBAL NOTES DTD 06/24/2013 1.718% 06/24/2018	166764AE0	315,000.00	0.00	2,705.85	2,705.85			
12/31/15	12/31/15	US TREASURY NOTES DTD 01/03/2012 0.875% 12/31/2016	912828RX0	300,000.00	0.00	1,312.50	1,312.50			
Transaction Type Sub-Total				4,967,755.58	0.00	18,993.33	18,993.33			

PAYDOWNS										
12/01/15	12/15/15	FREDDIE MAC SERIES 3842 DTD 04/01/2011 4.000% 04/01/2041	3137A9OP4	6,481.97	6,481.97	0.00	6,481.97	(471.46)	0.00	
12/01/15	12/15/15	FHLMC POOL #A86315 DTD 05/01/2009 4.500% 05/01/2039	312933AQ7	2,072.66	2,072.66	0.00	2,072.66	(103.79)	0.00	
12/01/15	12/25/15	FNMA POOL #AB5396 DTD 05/01/2012 3.000% 06/01/2022	31417B7J0	2,140.35	2,140.35	0.00	2,140.35	(117.05)	0.00	
12/01/15	12/25/15	FNMA POOL #AB3033 DTD 04/01/2011 4.500% 05/01/2041	31416YLP1	15,152.96	15,152.96	0.00	15,152.96	(897.34)	0.00	
12/01/15	12/25/15	FHLMC SERIES K717 A1 DTD 12/01/2014 2.342% 02/01/2021	3137BFDP3	980.18	980.18	0.00	980.18	(19.57)	0.00	
12/01/15	12/25/15	FHLMC SERIES K718 A1 DTD 05/01/2015 2.375% 09/01/2021	3137BHXX0	1,651.80	1,651.80	0.00	1,651.80	(32.99)	0.00	
12/01/15	12/25/15	FNMA POOL #AB5434 DTD 05/01/2012 3.000% 06/01/2032	31417CBC8	1,145.33	1,145.33	0.00	1,145.33	(53.15)	0.00	



Managed Account Security Transactions & Interest

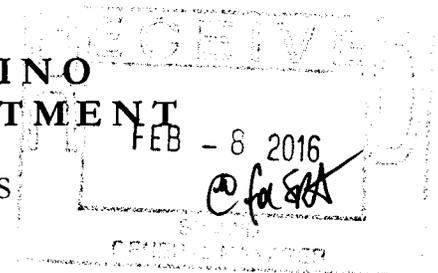
For the Month Ending **December 31, 2015**

SAN BERNARDINO MUNI. WATER DEPARTMENT - 76991000

Transaction Type		Security Description	CUSIP	Par	Principal Proceeds	Accrued Interest	Total	Realized G/L Cost	Realized G/L Amort Cost	Sale Method
Trade	Settle									
PAYDOWNS										
12/01/15	12/25/15	FNMA SERIES 2015-MA AV1 DTD 03/01/2015 2.013% 07/01/2022	3136AMM30	1,646.97	1,646.97	0.00	1,646.97	(16.44)	0.00	
12/01/15	12/25/15	FNMA POOL #AC1637 DTD 08/01/2009 5.000% 09/01/2039	31417KZB6	4,093.51	4,093.51	0.00	4,093.51	(460.52)	0.00	
12/01/15	12/25/15	FNMA POOL #MA1084 DTD 05/01/2012 3.500% 06/01/2032	31418AF29	4,048.87	4,048.87	0.00	4,048.87	(266.34)	0.00	
12/01/15	12/25/15	FNMA POOL #AS4197 DTD 12/01/2014 3.500% 01/01/2030	3138WDUX7	7,092.15	7,092.15	0.00	7,092.15	(416.66)	0.00	
Transaction Type Sub-Total				46,506.75	46,506.75	0.00	46,506.75	(2,855.31)	0.00	
SELL										
12/28/15	12/30/15	US TREASURY NOTES DTD 05/31/2011 1.750% 05/31/2016	912828QP8	300,000.00	301,617.19	430.33	302,047.52	(6,621.09)	144.84	SPEC LOT
Transaction Type Sub-Total				300,000.00	301,617.19	430.33	302,047.52	(6,621.09)	144.84	
Managed Account Sub-Total					(538,673.91)	12,478.00	(526,195.91)	(9,476.40)	144.84	
Total Security Transactions					(538,673.91)	\$12,478.00	(526,195.91)	(\$9,476.40)	\$144.84	

**CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT**

**BOARD OF WATER COMMISSIONERS
STAFF REPORT**



TO: Stacey R. Aldstadt, General Manager

FROM: Miguel J. Guerrero, P.E., Director of Water Utility

SUBJECT: **INFORMATIONAL ITEM ONLY - JANUARY 2016 DROUGHT MONITORING REPORT**

DATE: February 4, 2016

COPIES: Robin Ohama (w/o attach), Mike Garland (w/attach), Con Arrieta (w/attach), Greg Gage (w/attach), Sally Duran (w/attach)

BACKGROUND:

Staff continues to monitor and track the effects of the ongoing drought by monitoring groundwater levels in select wells located in the Department's service area. The purpose of this monitoring is to track groundwater level trends as pumping continues during extreme drought conditions. This monthly report to the Board of Water Commissioners (Board) will provide valuable data needed to contemplate important policy decisions related to Water Supply Shortage Stages outlined in Rule and Regulation No. 21 (Rule).

In May 2015, the Board implemented Stage IIA extreme mandatory restrictions as a result of the State Water Resources Control Board (SWRCB) emergency regulations. The State's emergency regulations outlined percentage reduction tiers in gross water production for each urban water retailer in the State. The San Bernardino Municipal Water Department must reduce its gross water production by 28% or face possible enforcement actions from the State, including monetary fines. Stage IIA requires a 28% reduction in potable water use by all of its customers. Stage IIA also restricts outdoor watering to three days per week, prohibits public medians with turf irrigation to be irrigated, and prohibits outdoor irrigation 48 hours after a significant rainfall event.

STAFF ANALYSIS - BASIN CONDITIONS/HYDROGRAPHS:

In order for staff to effectively monitor the basin conditions, index wells within defined sub-regions were selected and are shown on the attached overall figure as well as regional figures along with each well's hydrograph in **Exhibit A**. A well hydrograph graphically depicts the wells water level over time.

Stacey R. Aldstadt, General Manager

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The attached hydrographs indicate a continued gradual decline of water levels across the entire service area. Due to the lack of rainfall and snowmelt and ensuing recharge for the past four years, the rate of decline in the basin has accelerated. However, it should be noted that water demands in the distribution system have drastically decreased as the public has responded to the drought message. Many wells that typically are running this time of year are idle, and those particular wells are experiencing water level increases as a result.

Although not as drastic as previous years, water levels in the northwest portion of the Department's service area west and northwest of California State University San Bernardino (Cal State SB) region (Cajon 3, DC-1, and Mallory Well) continued to drop for most of 2015. For the past few months water levels stabilized and have recently shown slight changes, likely due to the low demand season.

Wells located just south of Cal State SB, such as Newmark 3, and EPA Wells 006 and 007, are typically shallow wells and are stabilizing with gradual decreases/increases in water levels over the past few months.

Wells situated near the I-210 corridor, notably the 31st Street Well, 40th Street Well, Mt. View Well, and Gilbert Street Well, are now experiencing stabilizing water levels. Some of these wells are seasonably operated (only operated during hot summer months) and are typically not running this time of year, thus the stabilizing water levels.

EPA 001, 002, 003, 004, and 005 wells are operational and are showing slight increases in water levels. It appears that the seasonal trend of declining levels in these wells has passed. Water levels are still 20 to 40 feet higher in these wells than the recent low levels experienced during the 2008 and 2009 timeframe.

EPA wells along the western edge of the Muscoy OU (EPA Wells 109 through 112) are showing slight decreases in water levels, adding to the extreme decline in the shallow and intermediate aquifer levels over the last two years. Water levels in the deep aquifer remain steady.

Wells in the Cajon Creek and Lytle Creek areas are experiencing the most severe declines in the service area. This is in large part due to the fact that the Department has no means by which to artificially recharge this part of the basin. Staff is looking into long-term solutions to this recharge deficiency and will be briefing the Board in the future on a plan to recharge this part of the basin.

Exhibit B contains a report generated from the Department's database for all of the production well water levels. This report contains calculations to determine the depth of water over pump equipment in each well. The depth of water over pumping equipment is critical to ensure adequate positive suction head for each pumping unit. If the water levels in a well decline to the same elevation as the pumping equipment, the pump will begin to pull air into the pump bowls, inducing

Stacey R. Aldstadt, General Manager

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equipment damage. If water levels in wells decline to these levels, it prompts the need to rehabilitate the well by pulling the old pump equipment and replacing with new pumping equipment and placing the pump deeper in the well. Staff monitors these water level depths closely to ensure no failures occur and to estimate if and when pump equipment needs to be pulled and replaced to effectively "chase" the declining water levels.

Exhibit C contains a report of total cumulative rainfall at the five (5) rain gauges operated and maintained by the Department. These five (5) gauges are located at the Water Utility Yards, Mill and D Plant, Newmark Plant, Lytle Creek Plant, and Devil Canyon Plant. The report shows that there was an average of three inches of rain across the city in January 2016.

COMPLETED AND PENDING WELL REHABILITATIONS:

The rehabilitation of EPA Well 003 was completed in December. The well is currently in operation. Planning and preliminary design for the rehabilitation of Mt. Vernon began in November, with the rehabilitation work expected to commence early February with Board approval. Other wells slated to be rehabilitated in the near future are EPA 001 and 16th St./Sierra Way.

SERVICE AREA WATER DEMAND REDUCTIONS:

The Department has been reporting monthly production data to the SWRCB as required by the emergency regulations. SWRCB also required all urban water suppliers to track gallons per capita per day (GPCD) beginning in October 2014 for the September 2014 reporting period. The response by the Department's customers to the Board's Stage II and Stage IIA declarations and the mandatory outdoor water use restrictions has been a success, despite some months showing water demand has increased as compared to 2013. GPCD values and percent water reduction as compared to 2013 values are shown below.

Month/Year	GPCD	% Change in Gross Production vs. 2013
January 2015	80.09	-1.60%
February 2015	93.55	+6.33%
March 2015	84.94	+2.75%
April 2015	97.27	-9.52%
May 2015	86.21	-30.52%
June 2015	101.00	-28.11%
July 2015	121.57	-29.83%
August 2015	125.59	-33.56%
September 2015	115.22	-30.88%

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October 2015	100.63	-23.44%
November 2015	92.50	-16.60%
December 2015	82.45	-17.08%
January 2016	75.81	-16.28%
Cumulative Compliance	-	-26.20%

The Department experienced a decrease in gross water production of approximately 16.3% in January 2016 compared to January 2013 production. SWRCB tracks compliance on a cumulative basis beginning with June 2015. Cumulative tracking means that the conservation savings will be added together from one month to the next and compared to the amount of water used during the same months in 2013. The cumulative reduction through January 2016 is approximately 26.2%. This is the first time throughout the reduction mandate period that the Department has fallen out of the compliance range (1% below 28% target).

Although technically out of compliance (by less than 1%), the Department's local and regional outreach efforts regarding the drought continue to have an effect on customer water usage. Internally, Water Staff have been directed to make operational changes to minimize water loss from the system, including curtailing certain hydrant flushing programs temporarily. A graph depicting the Department's monthly gross water production versus the same production in 2013 along with the 28% reduction target is attached for reference.

As is typically during this time of the year, there is currently no Department recharge activity. Recharge activity is anticipated to continue late spring of 2016.

STAFF'S RECOMMENDATION:

No action is recommended at this time. Staff will continue to monitor the State's continued response to the drought and monitor water level trends of all production wells and provide monthly updates to the Board.

Respectfully submitted,



Miguel J. Guerrero, P.E.
Director, Water Utility

MJG:swd
Attach.

**SWRCB Emergency Regulations Compliance Tracking
San Bernardino Municipal Water Department (28% Target)**

January 2016

Cumulative Compliance = 26.2%

**2013 Gross Monthly
Production vs. 2015/2016
Gross Production**

- 2013 Monthly Production
- 28% Reduction Target
- 2015/2016 Monthly Production

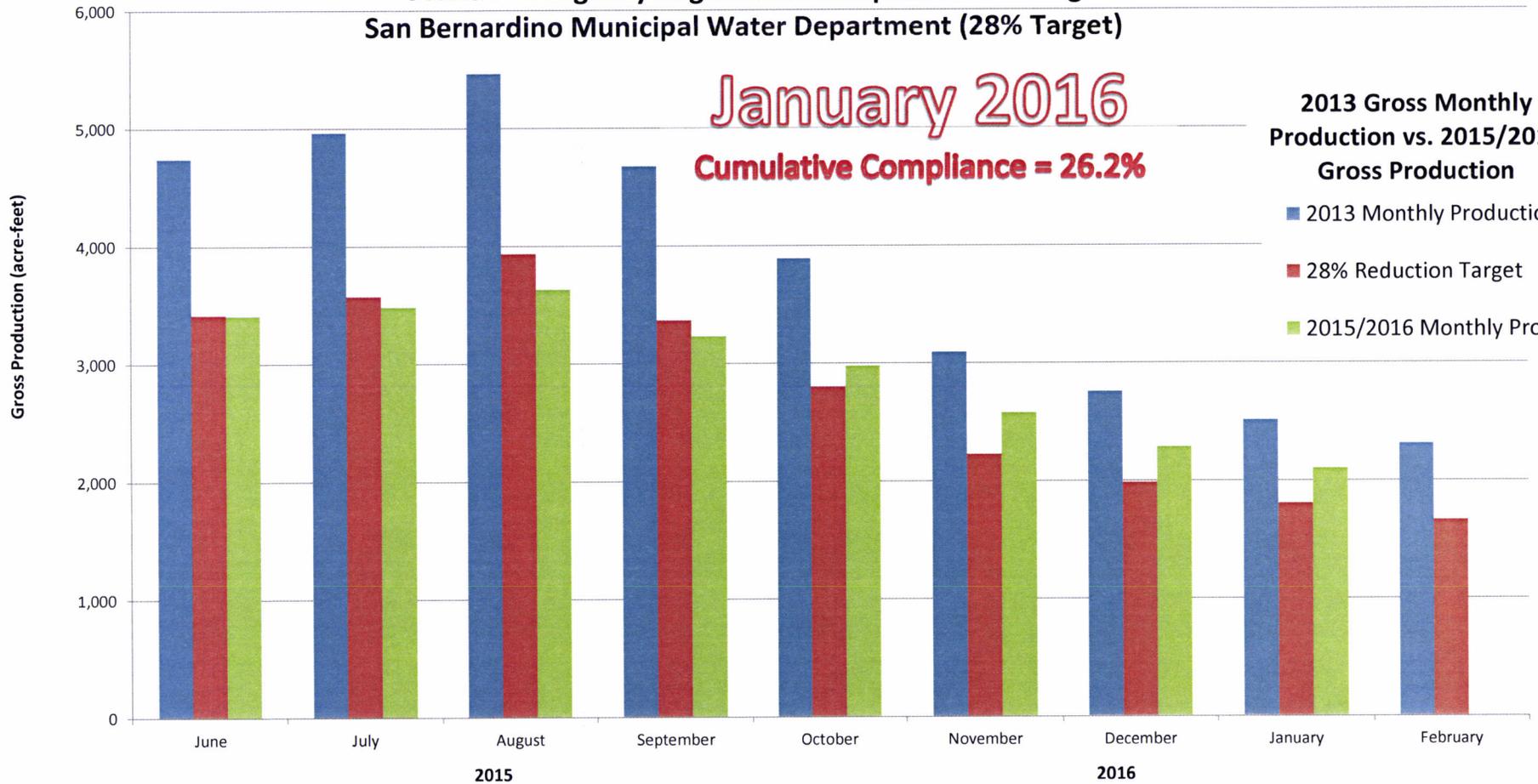
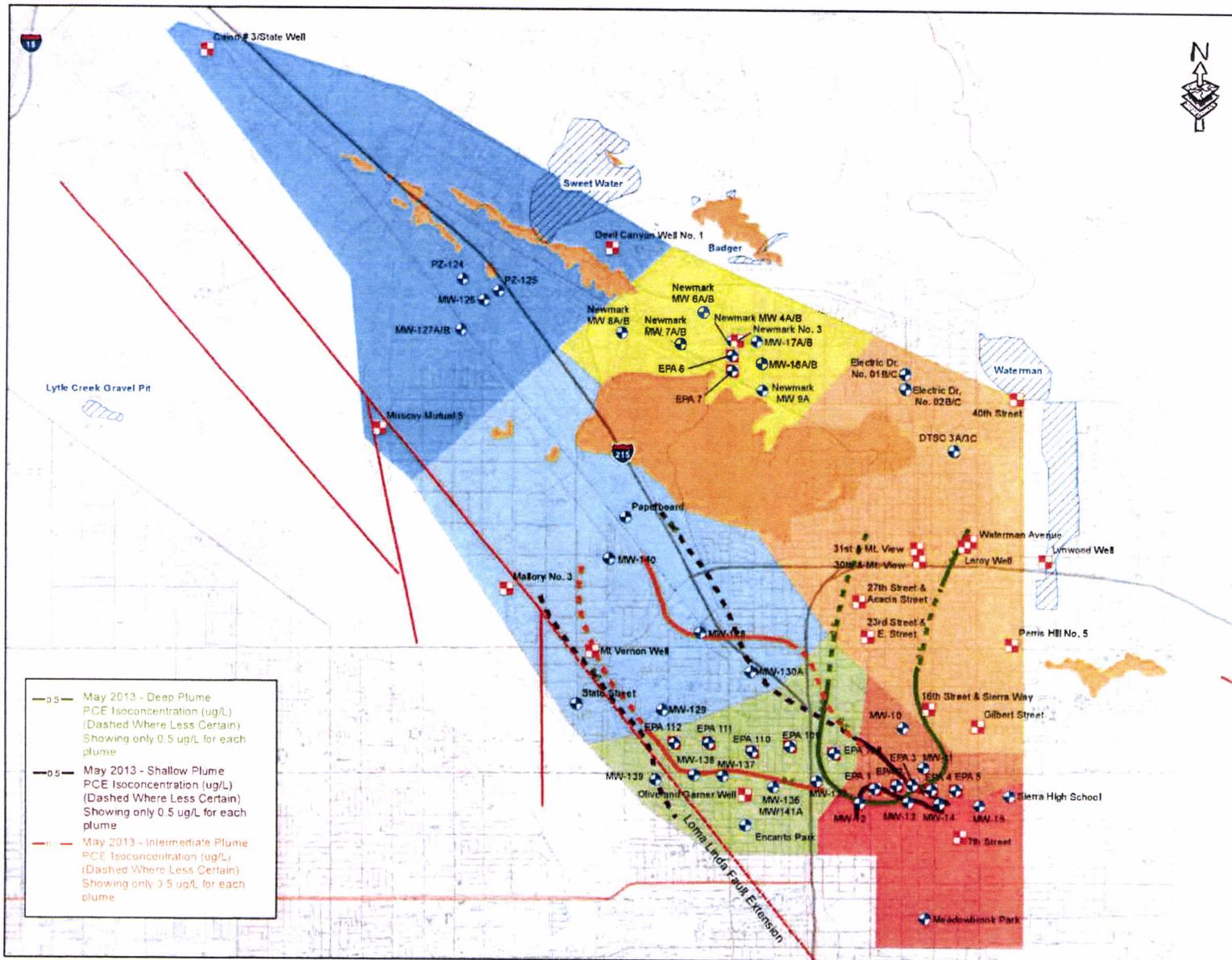


EXHIBIT A



-0.5 May 2013 - Deep Plume
 PCE Isoconcentration (ug/L)
 (Dashed Where Less Certain)
 Showing only 0.5 ug/L for each plume

-0.5 May 2013 - Shallow Plume
 PCE Isoconcentration (ug/L)
 (Dashed Where Less Certain)
 Showing only 0.5 ug/L for each plume

-0.5 May 2013 - Intermediate Plume
 PCE Isoconcentration (ug/L)
 (Dashed Where Less Certain)
 Showing only 0.5 ug/L for each plume



Legend

Hydrograph Wells

- Extraction/Production Well
- Monitoring Well
- Recharge Basins

Hydrograph Areas

- Upgradient
- Muscovy Mid-Plume
- Muscovy Plume
- Newmark North
- Newmark Mid-Plume
- Newmark Plume Front
- Newmark Downgradient

Faults/Hydraulic Barriers

0 2 250 4 500 9 000
Feet

Datum: NAD 1983 State Plane CA V

PREPARED BY:

 Starline Consulting, Inc.
 290 Canoga Ridge Ave. Suite 200
 Thousand Oaks, Ca 91321
 (805) 335-1260/335-1777 (fax)

For:
**City of San Bernardino
 Municipal Water Department**

Data Generated by:
 M. Bantock

Approved By:
 M. Eisen

**Hydrograph Areas
 San Bernardino, California**

Date: 3/24/14 Figure: **1-1**

Hydrographs

Region: Cajon Creek

Upgradient Production and Monitoring Wells

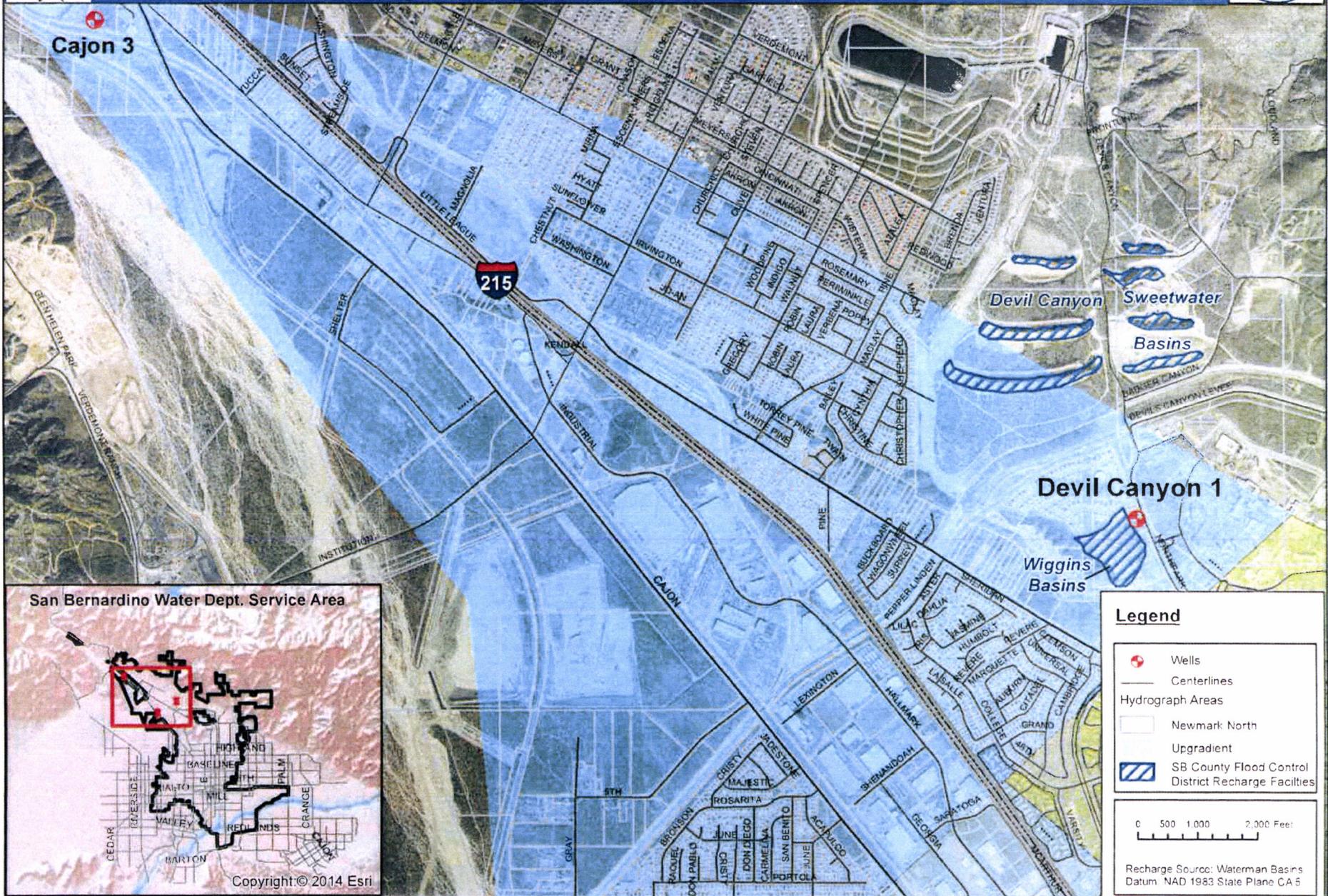
Recharge Source:

Cajon Creek (No Artificial Recharge)

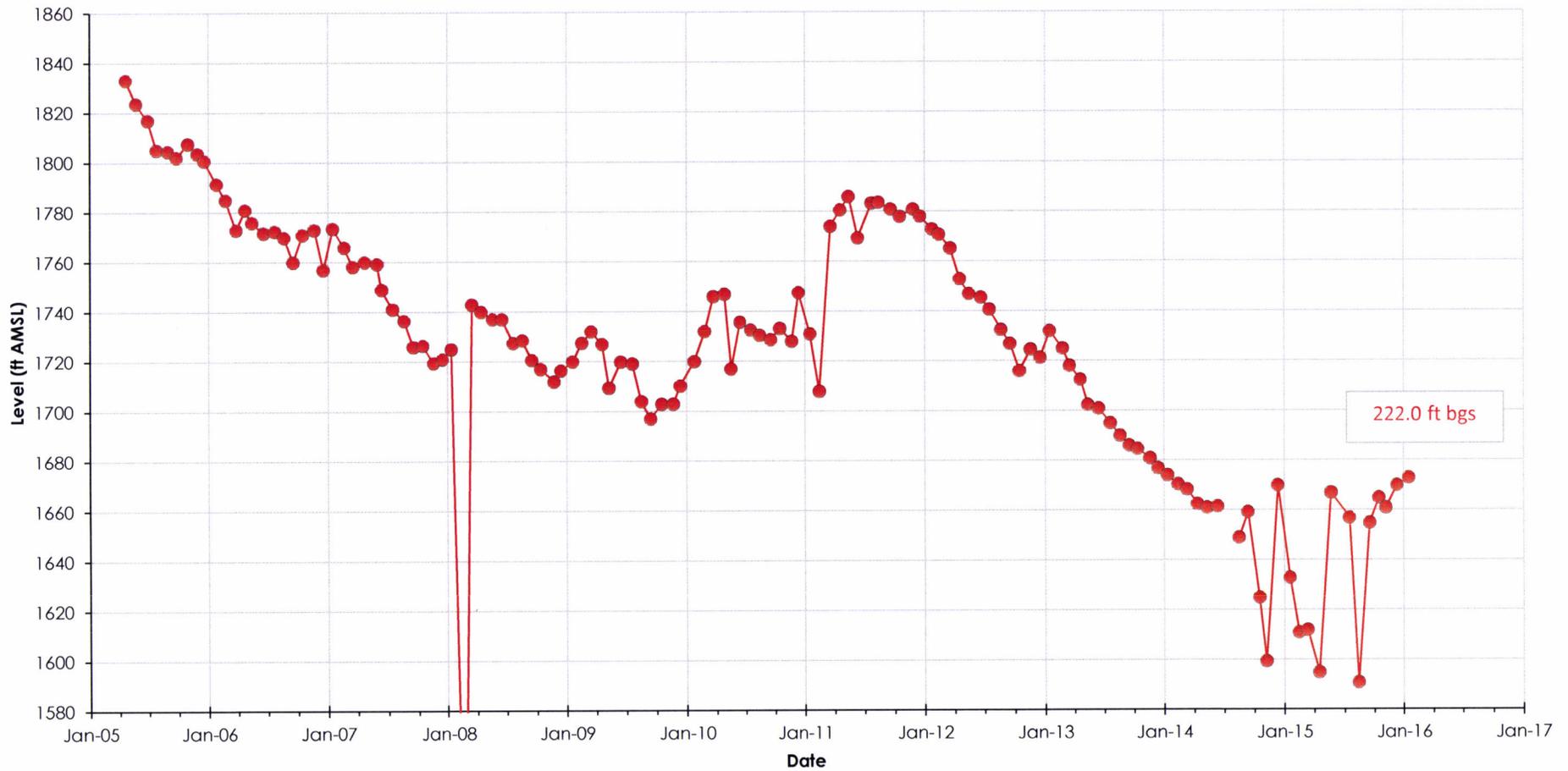


CAJON CREEK REGION

Upgradient Production and Monitoring Wells



1894.9
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

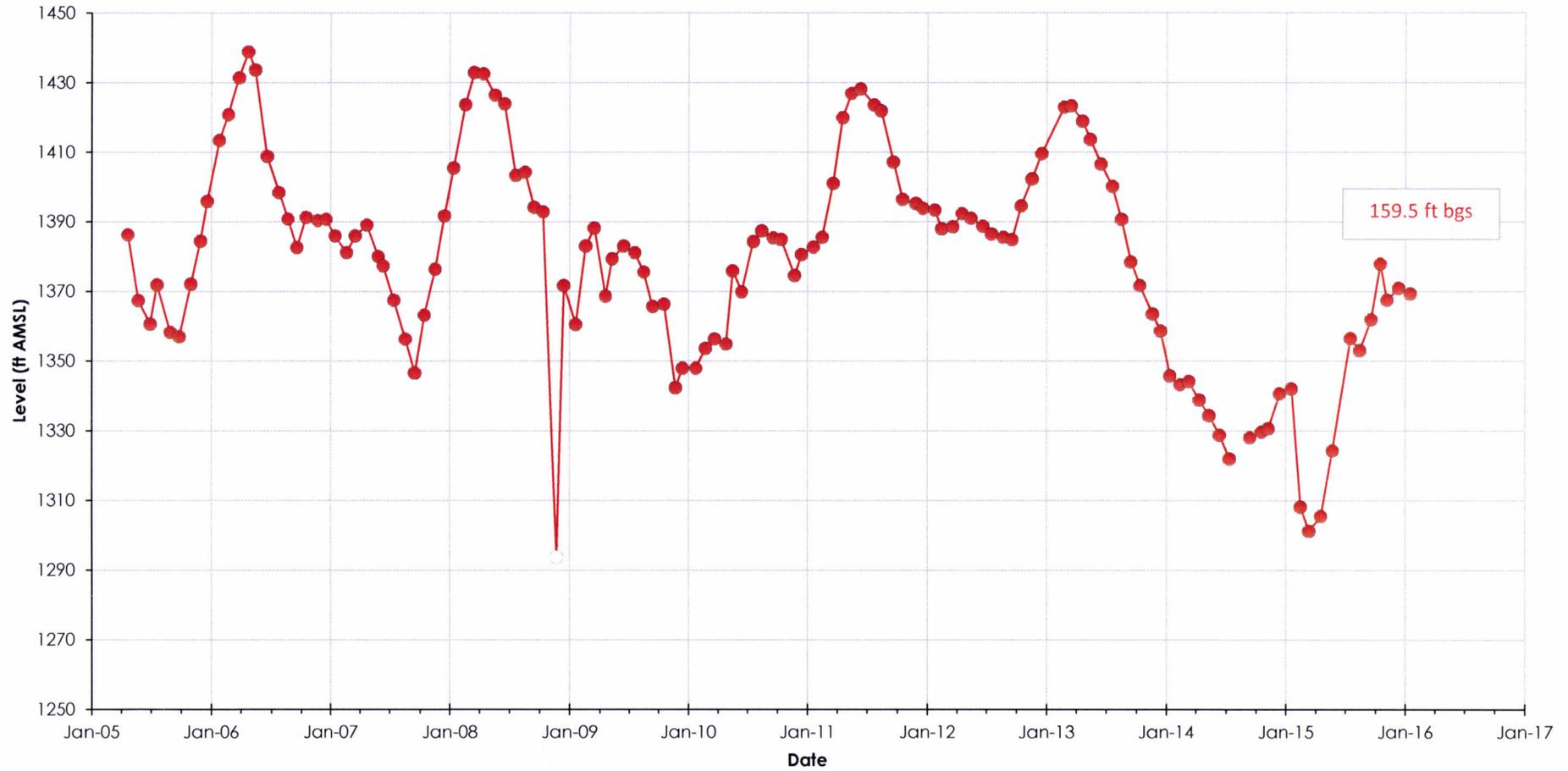
Figure/Well No.

Cajon 3

Title

Water Level Elevations

1528.9
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

Devil Canyon 1

Title

Water Level Elevations



Hydrographs

Region: Newmark North

Extraction and Monitoring Wells

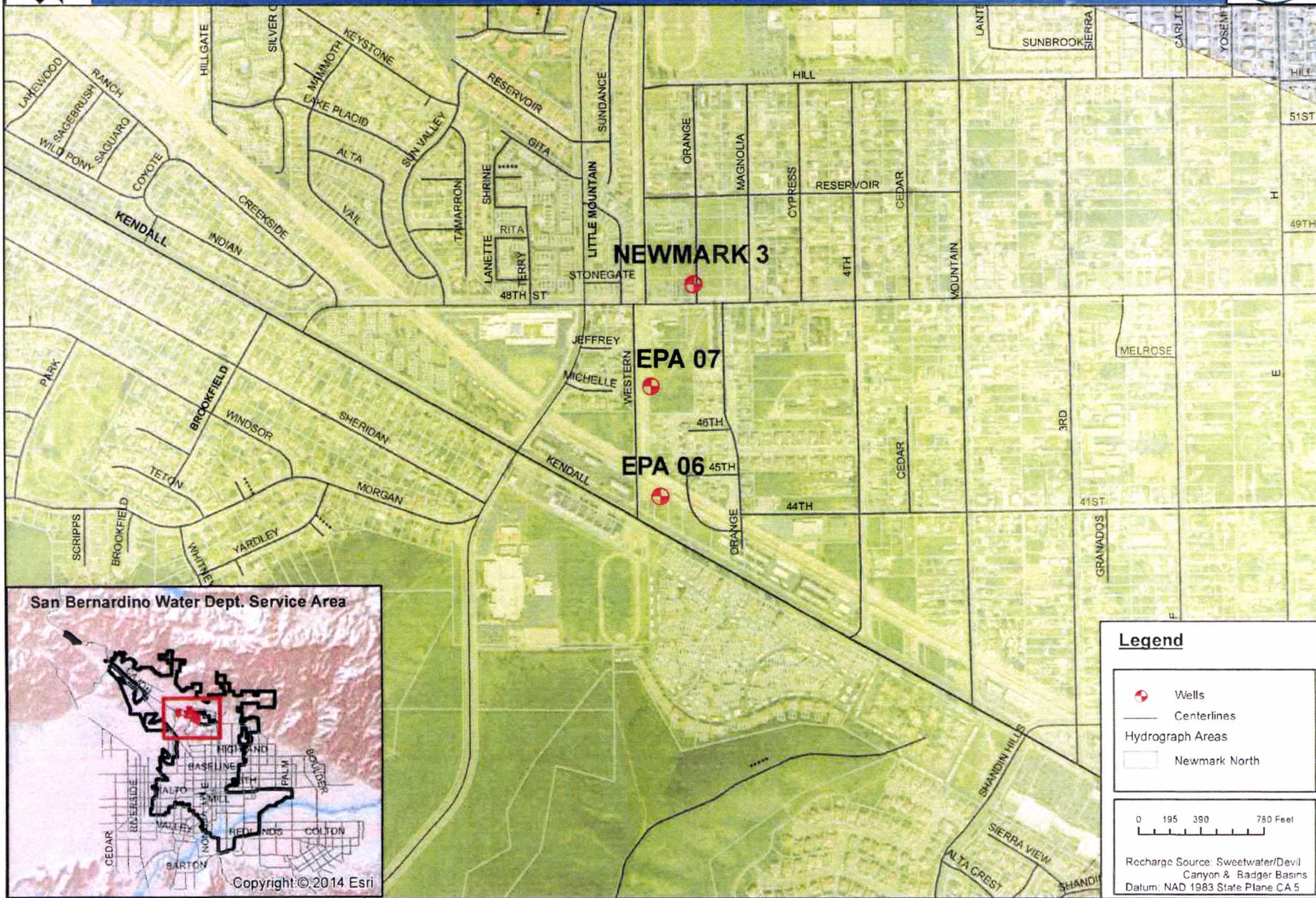
Recharge Source:

Sweetwater/Devil Canyon Basins and Badger Basins

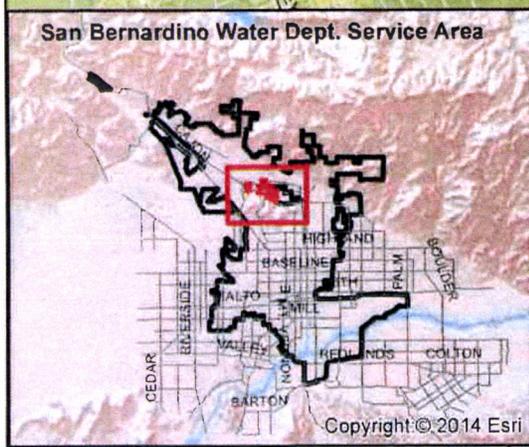


NEWMARK NORTH REGION

Extraction and Monitoring Wells



San Bernardino Water Dept. Service Area



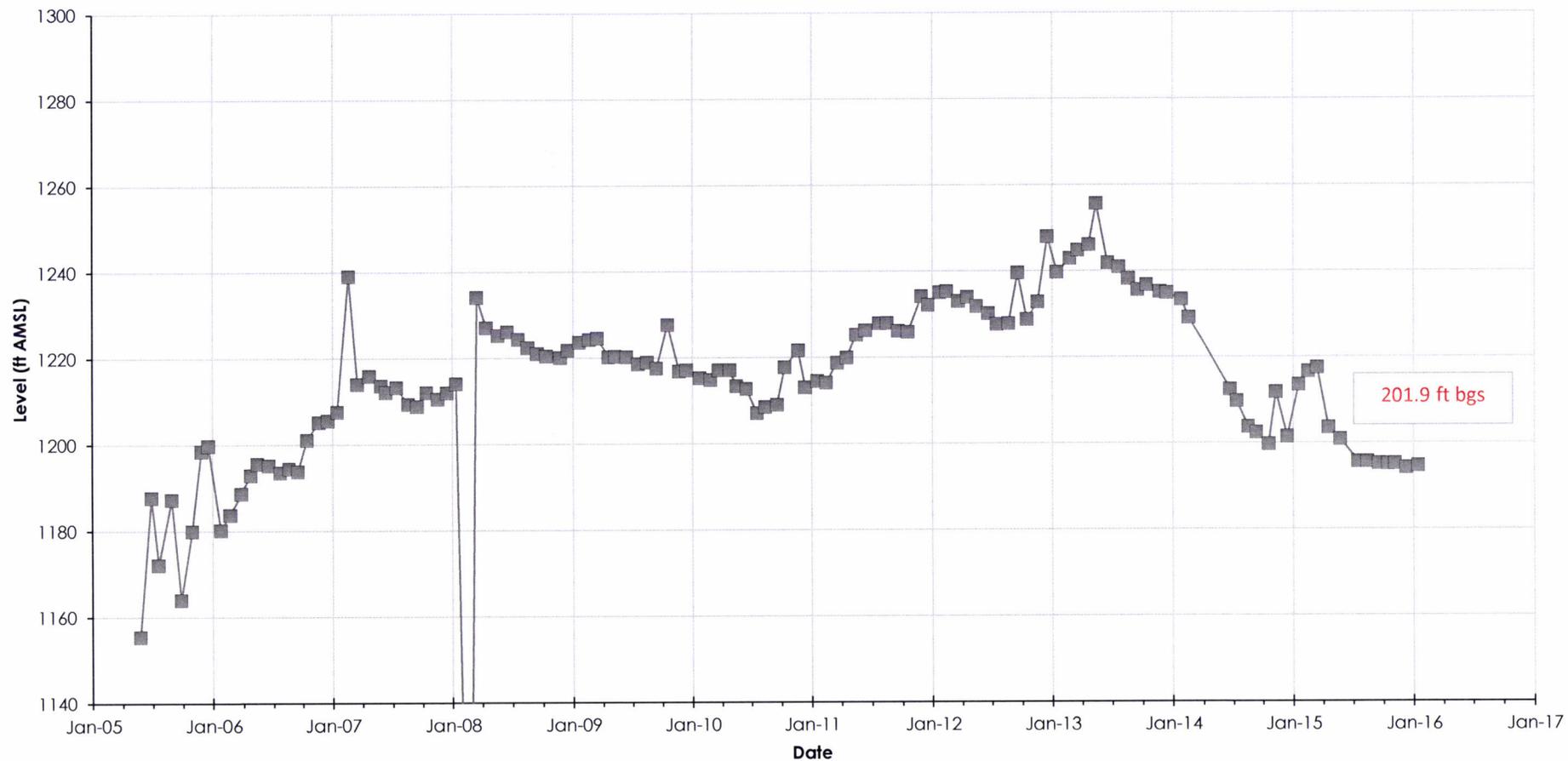
Legend

- Wells
- Centerlines
- Hydrograph Areas
- Newmark North

0 195 390 780 Feet

Recharge Source: Sweetwater/Devil Canyon & Badger Basins
Datum: NAD 1983 State Plane CA 5

1396.6
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

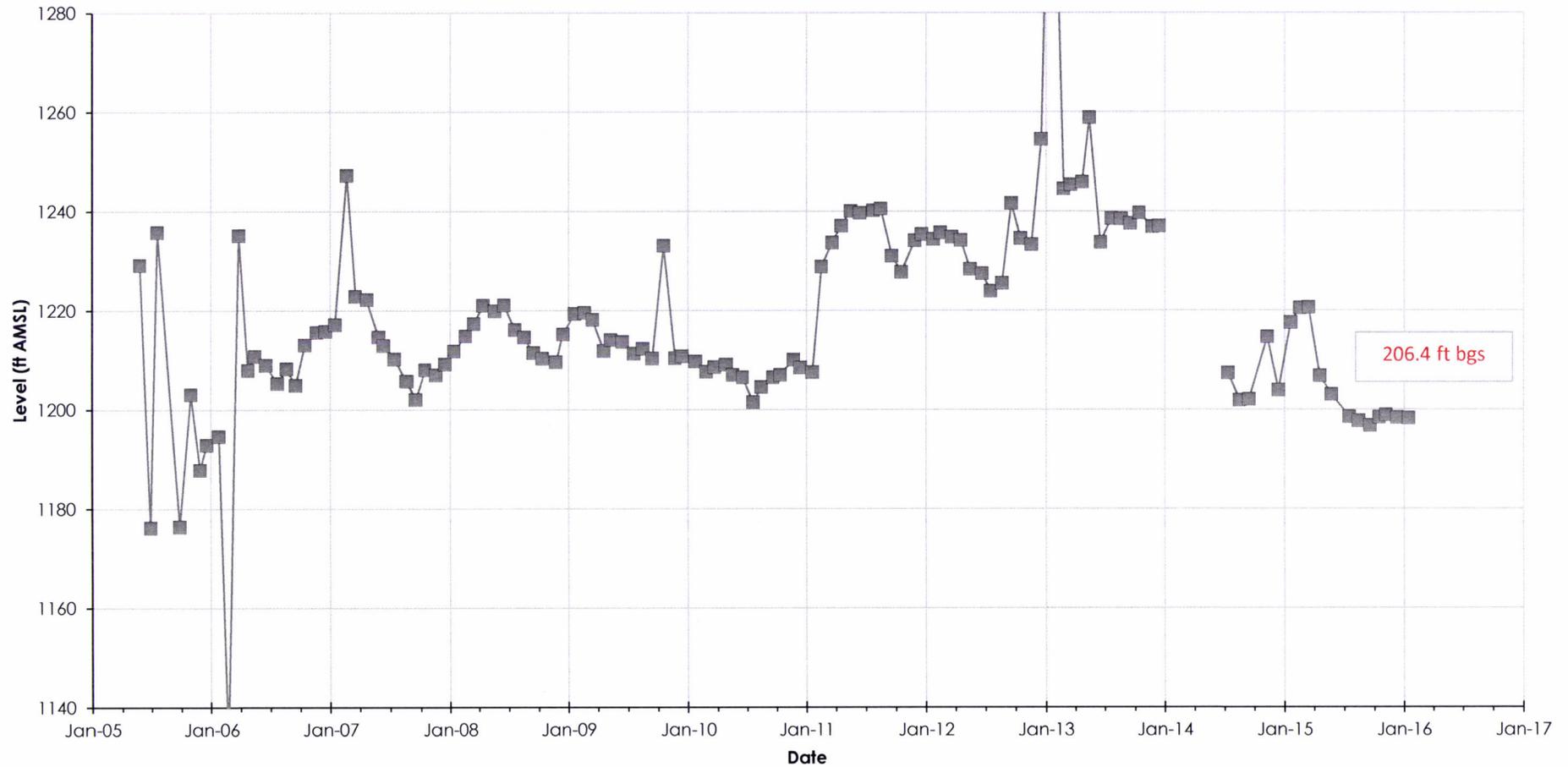
EPA 006

Title

Water Level Elevations



1404.5
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

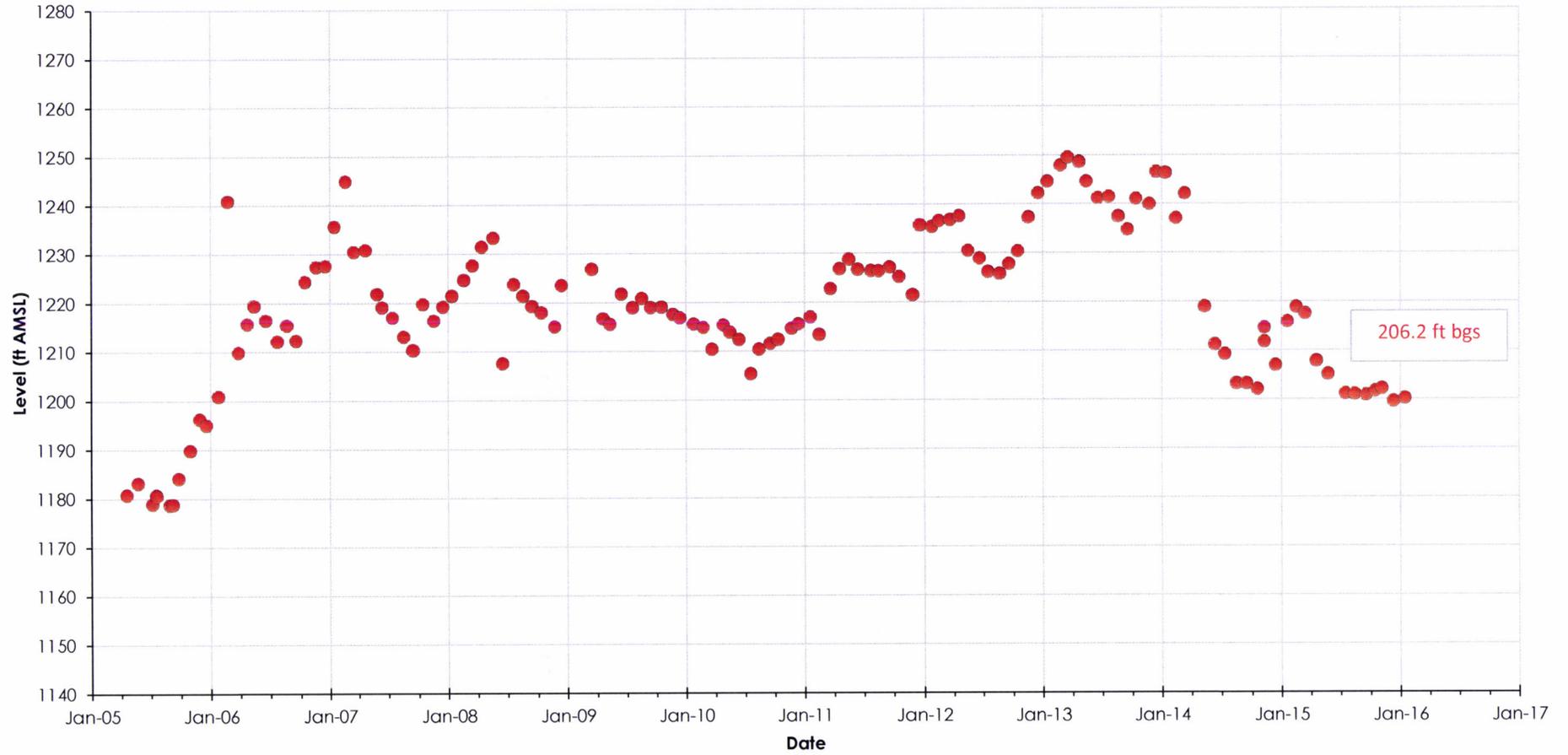
EPA 007

Title

Water Level Elevations



1407.9
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

Newmark 3

Title

Water Level Elevations



Hydrographs

Region: Newmark Mid-Plume

Production and Monitoring Wells

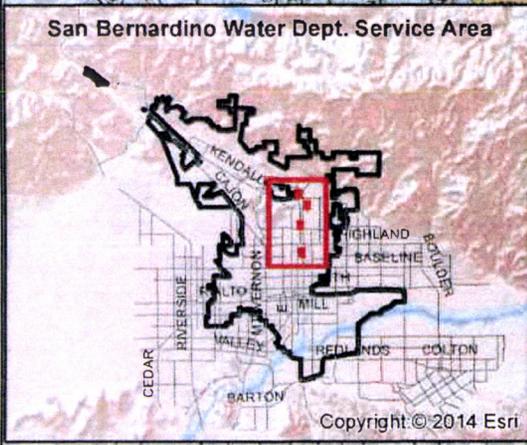
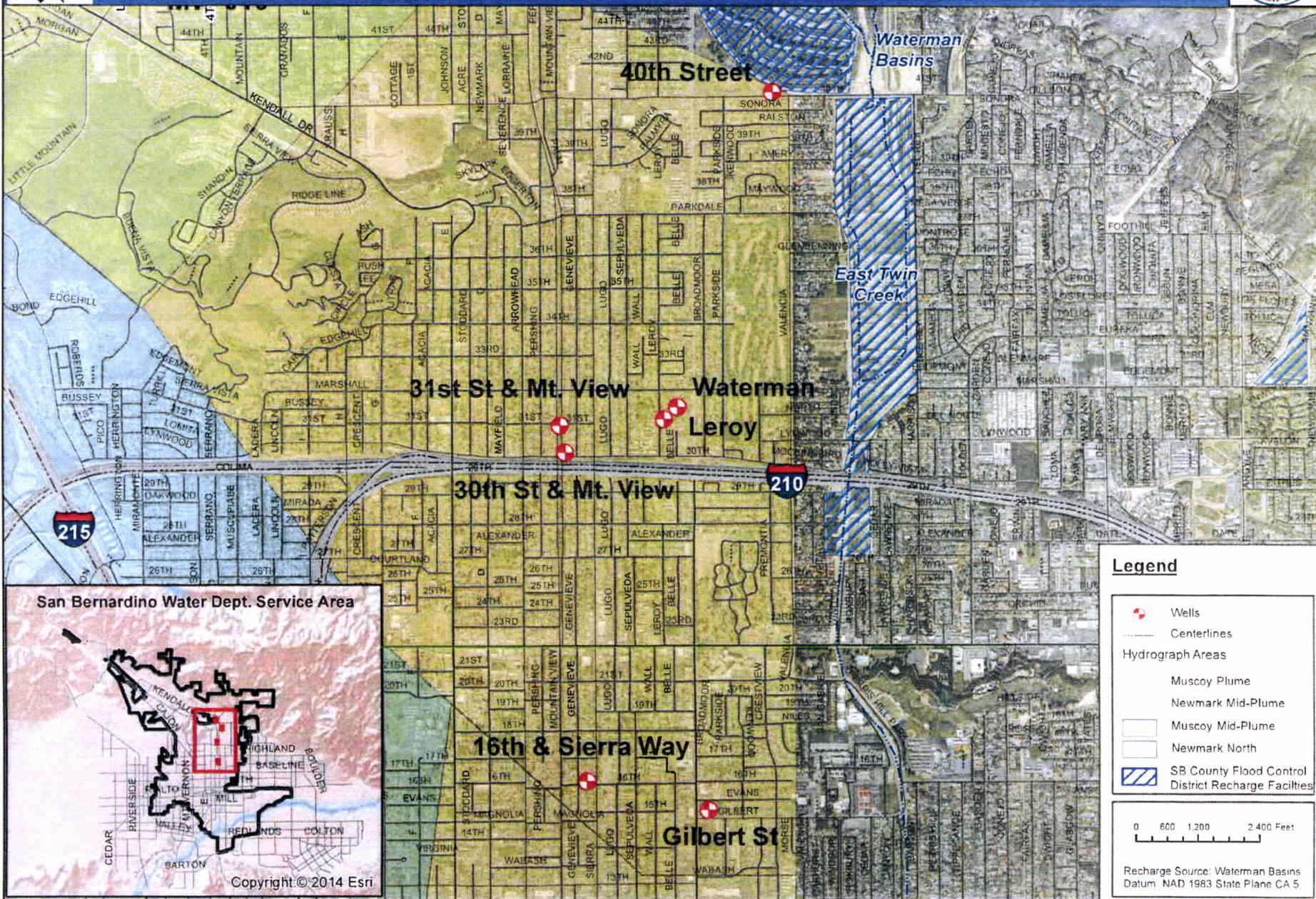
Recharge Source:

Waterman Basins



NEWMARK MID-PLUME REGION

Production and Monitoring Wells



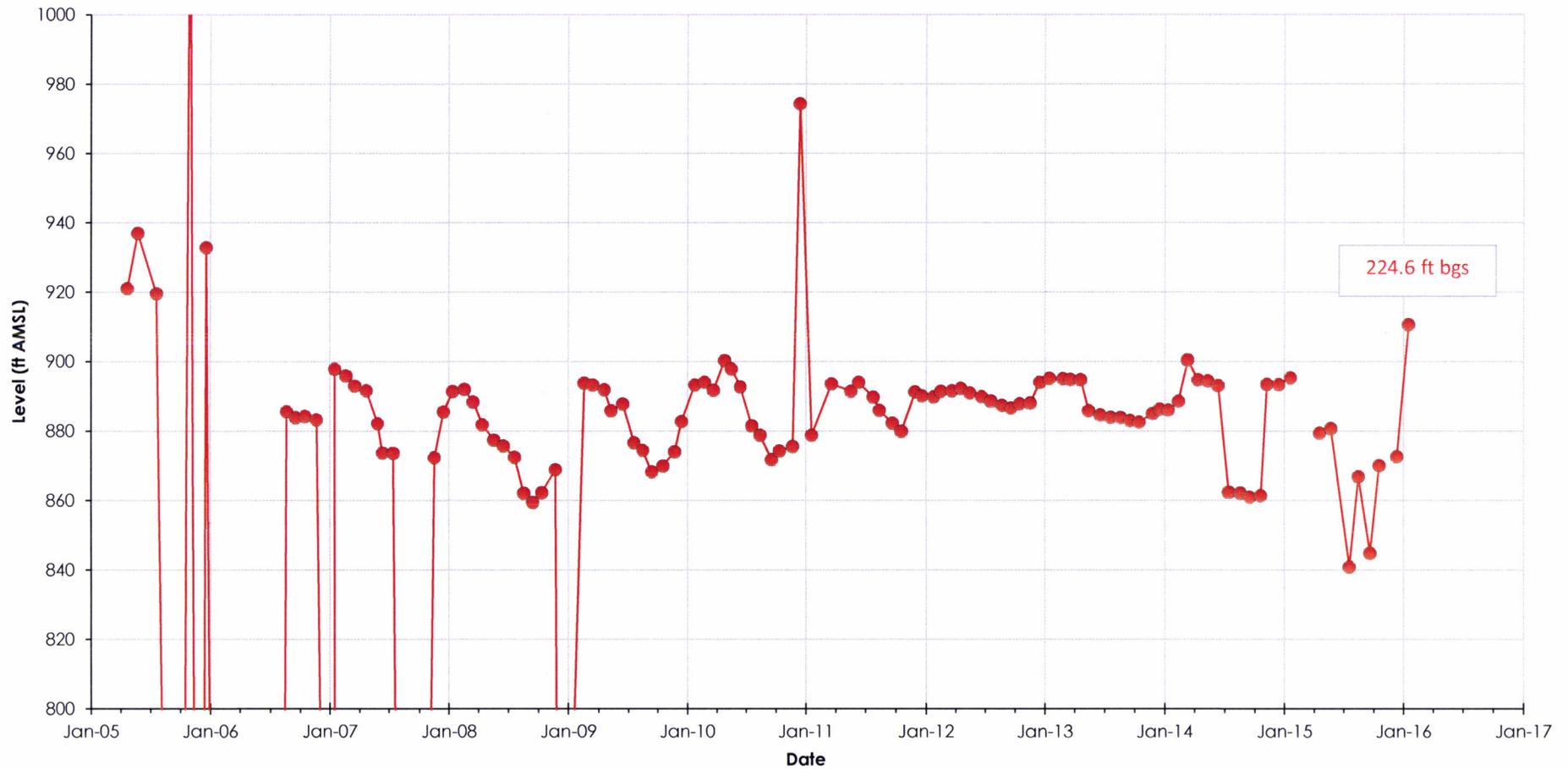
Legend

- Wells
- Centerlines
- Hydrograph Areas**
- Muscoy Plume
- Newmark Mid-Plume
- Muscoy Mid-Plume
- Newmark North
- SB County Flood Control District Recharge Facilities

0 600 1200 2400 Feet

Recharge Source: Waterman Basins
Datum NAD 1983 State Plane CA 5

1135.3
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

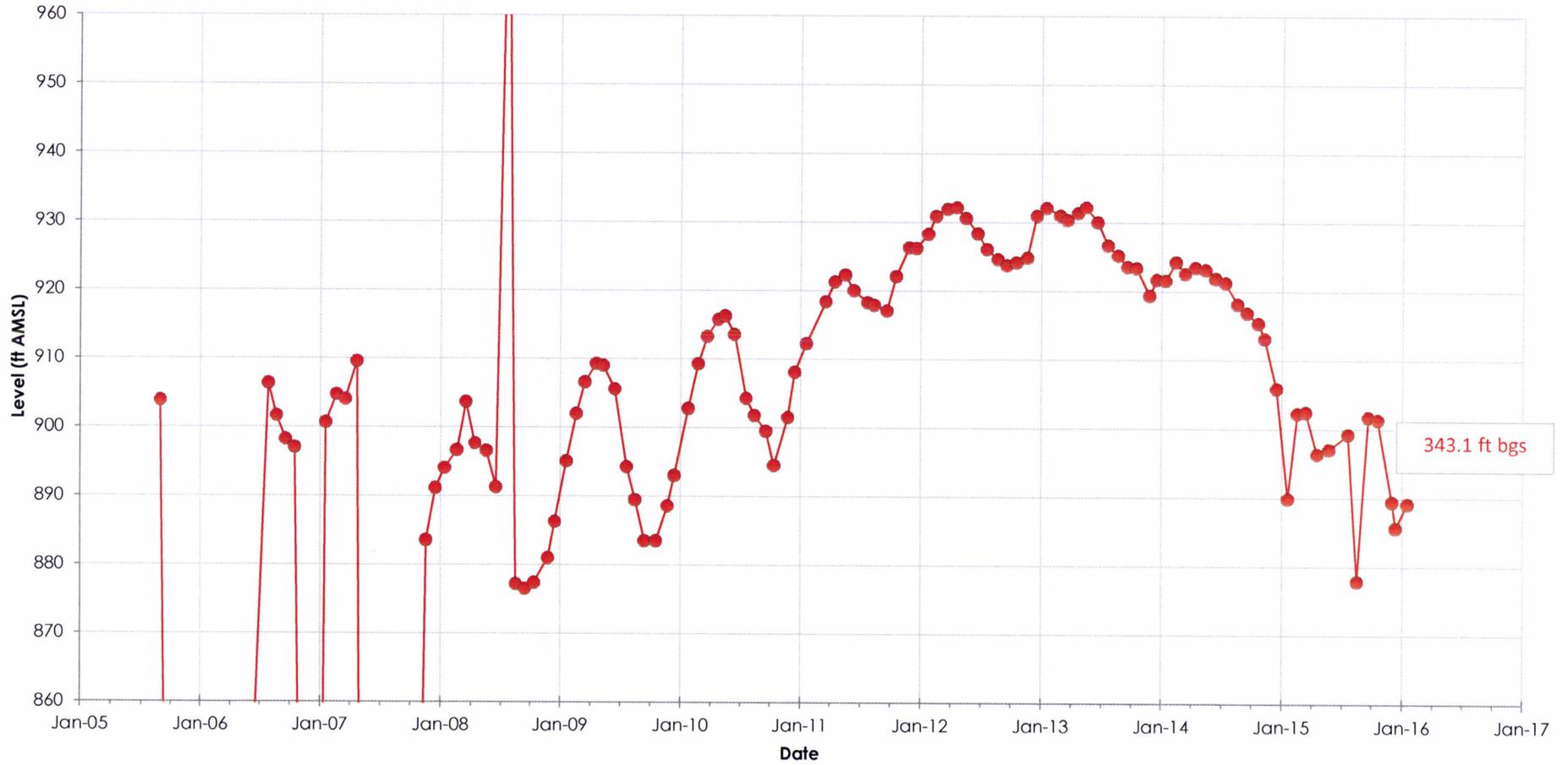
16th & Sierra

Title

Water Level Elevations



1232.3
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

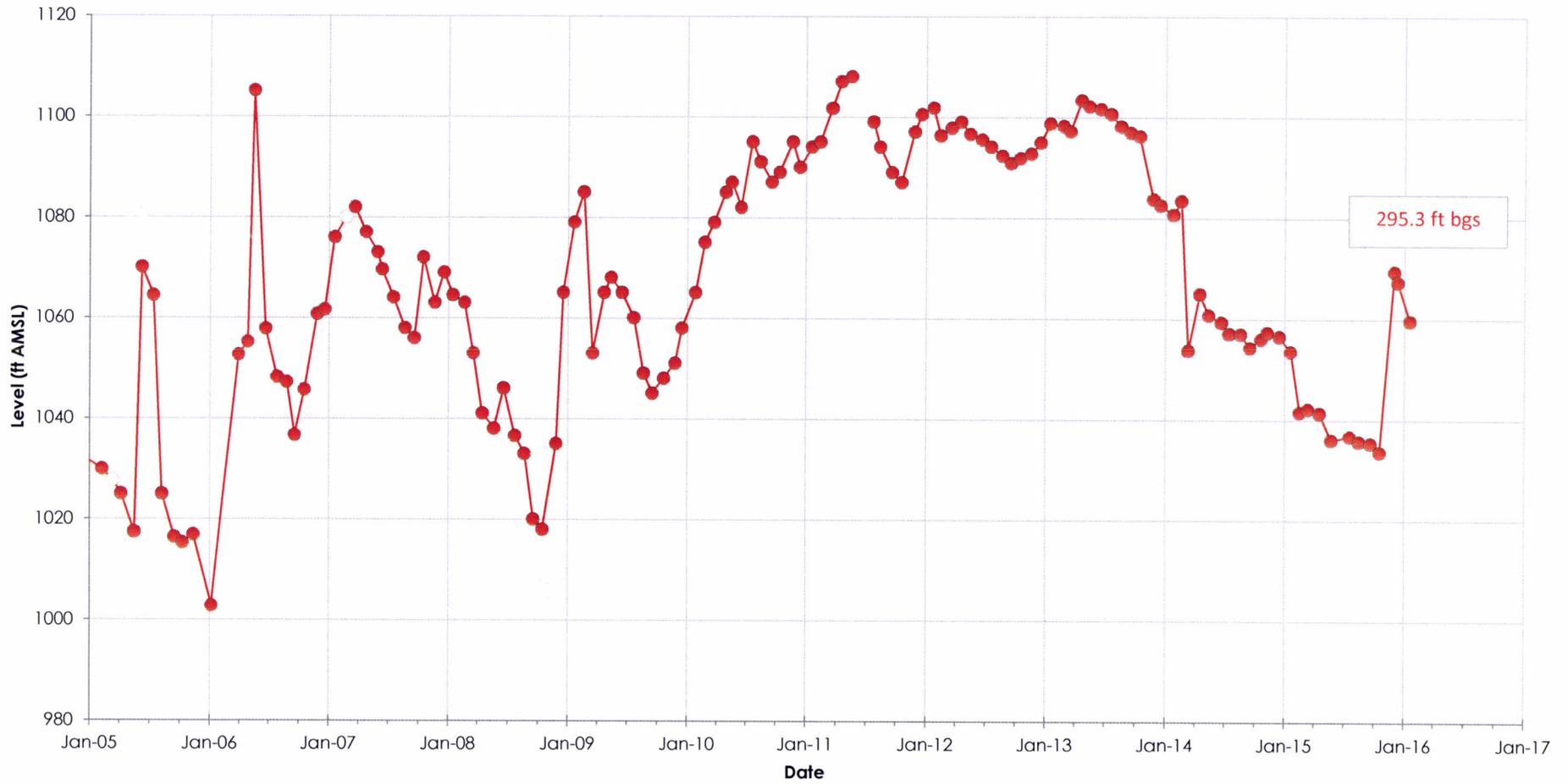
31st & Mt. View

Title

Water Level Elevations



1355.0
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

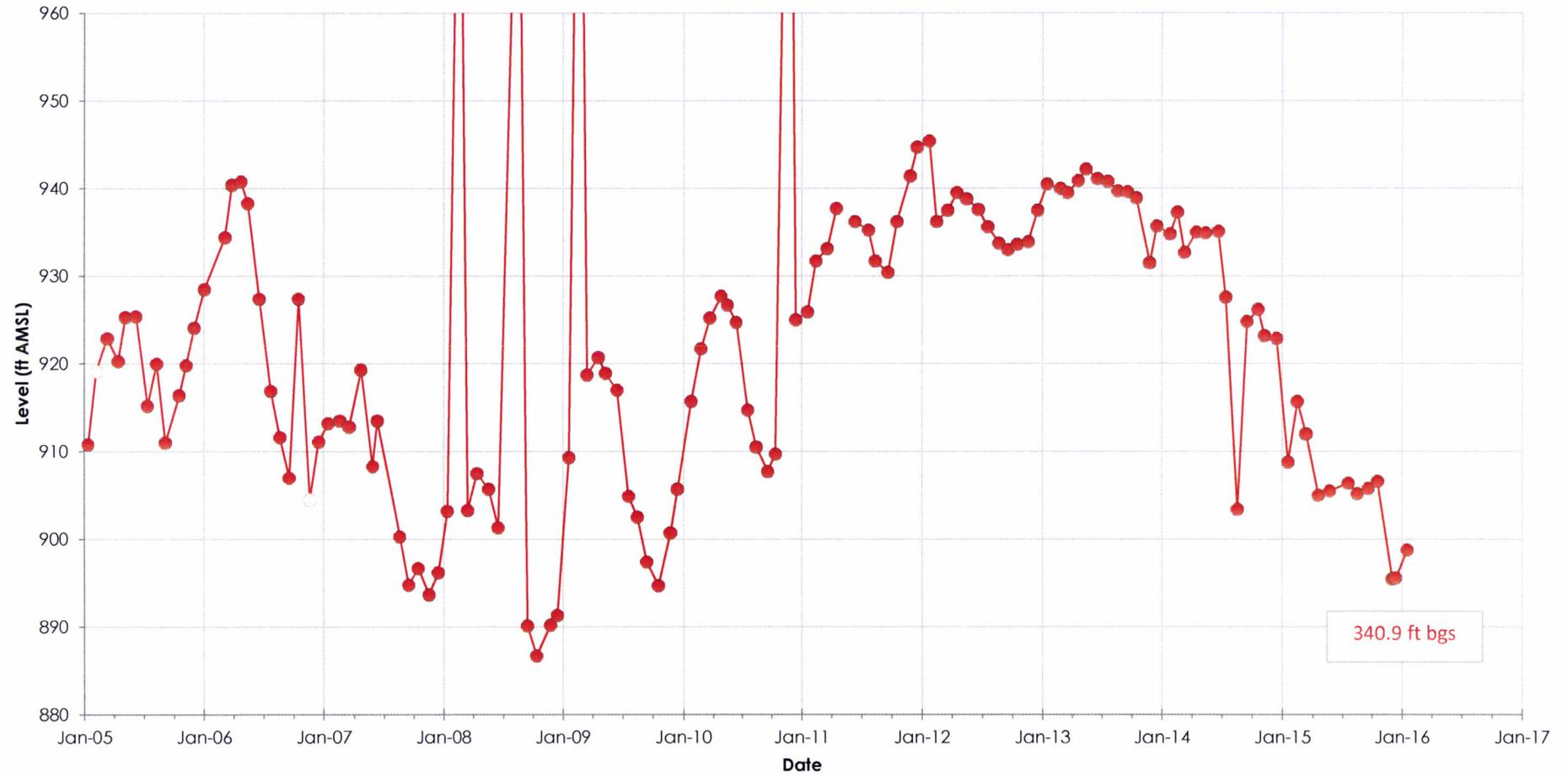
Figure/Well No.

40th Street Well

Title

Water Level Elevations

1239.7
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

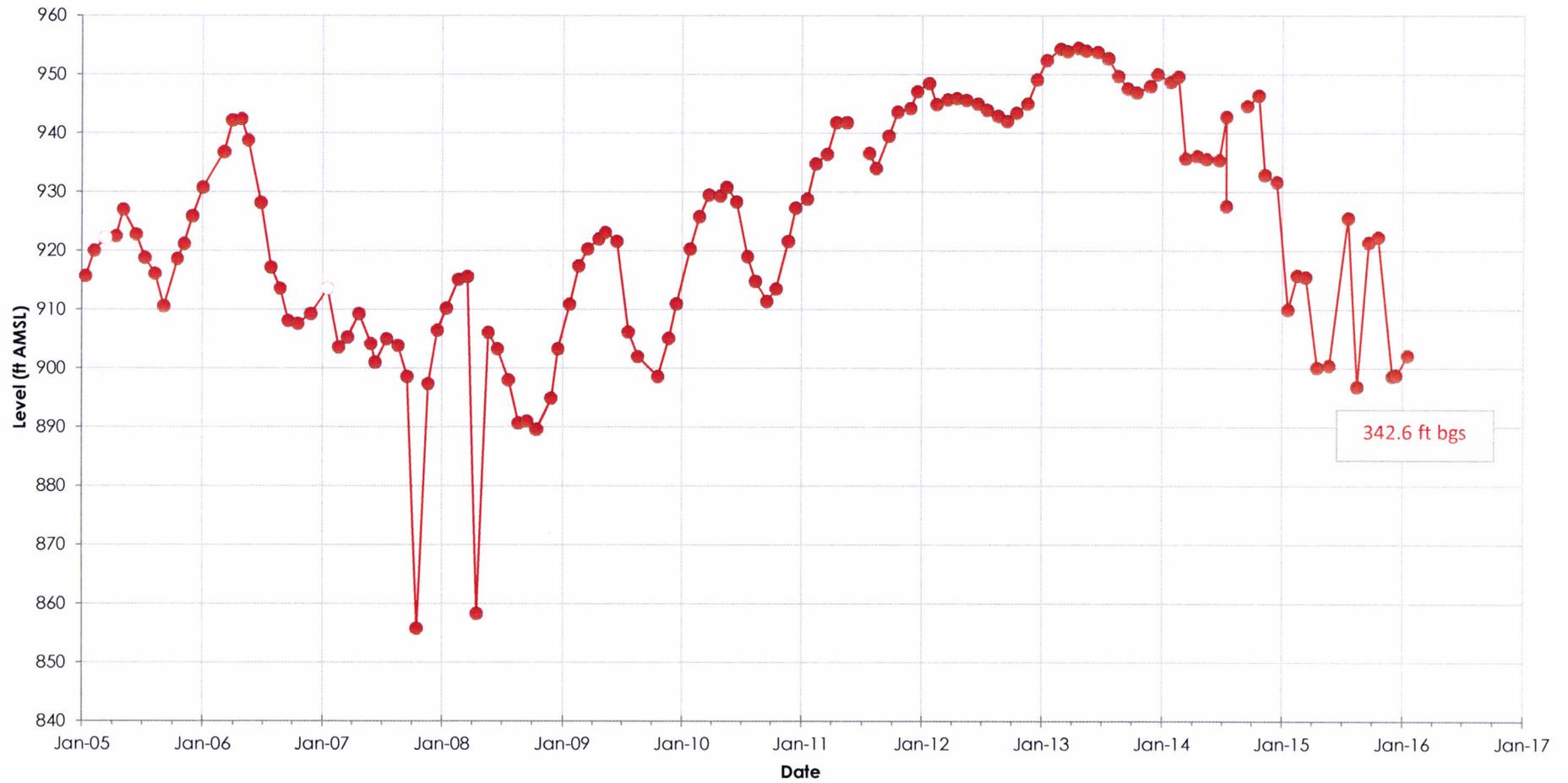
Leroy Well

Title

Water Level Elevations



1244.8
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

Waterman Well

Title

Water Level Elevations

Hydrographs

Region: Newmark Plume Front

Extraction and Monitoring Wells

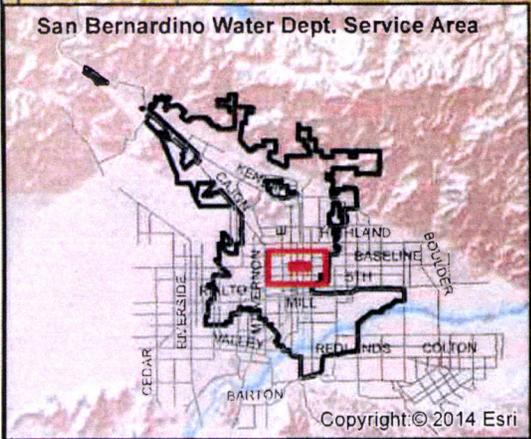
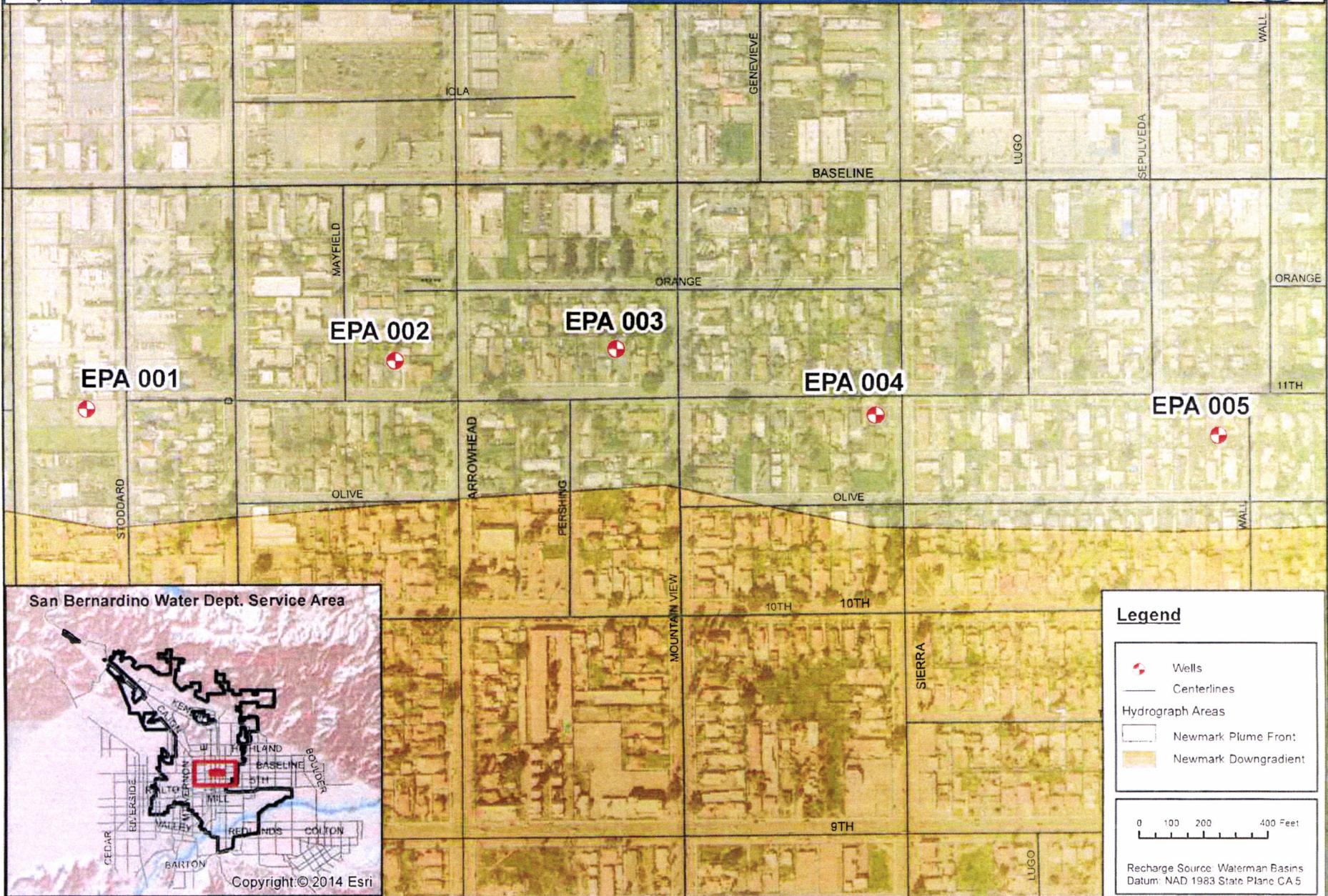
Recharge Source:

Waterman Basins



NEWMARK PLUME FRONT REGION

Extraction and Monitoring Wells



Legend

- Wells
- Centerlines

Hydrograph Areas

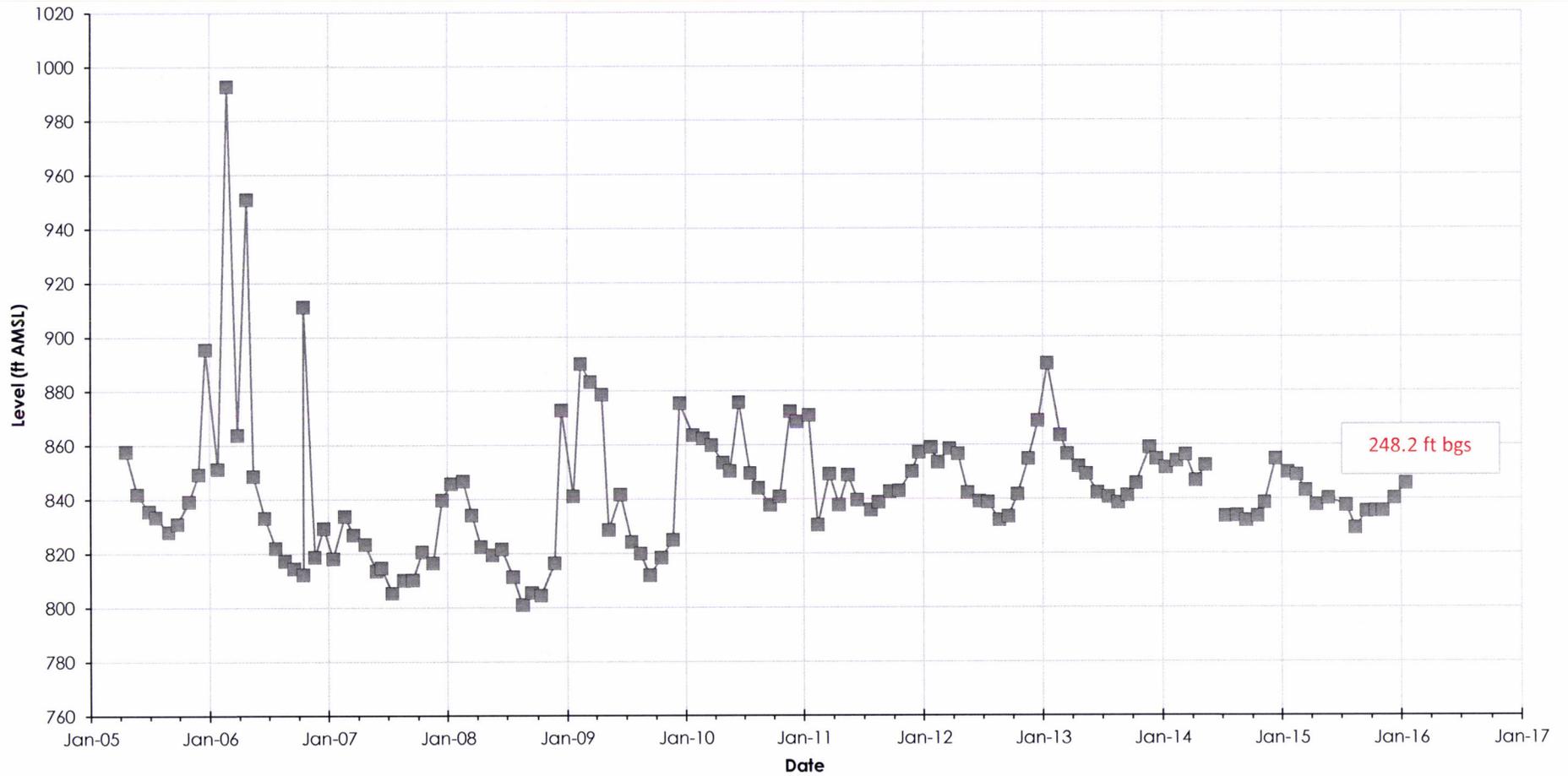
- Newmark Plume Front
- Newmark Downgradient

0 100 200 400 Feet

Recharge Source: Waterman Basins
Datum: NAD 1983 State Plane CA 5

K:\Projects\Map\31\Consent Decree - modify\Newmark - Plume-Front.mxd

1093.9
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

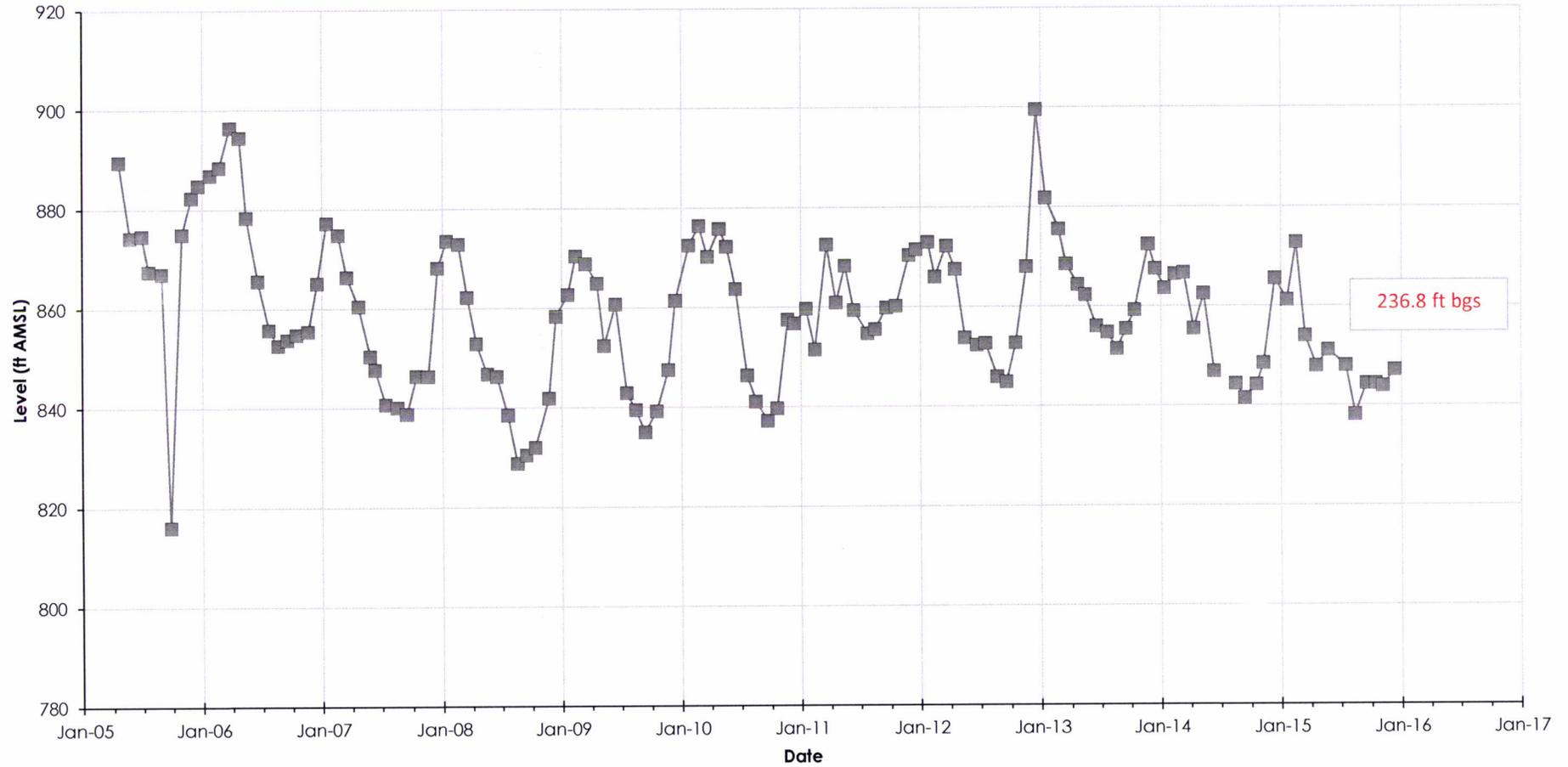
Figure/Well No.

EPA 001

Title

Water Level Elevations

1091.7
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

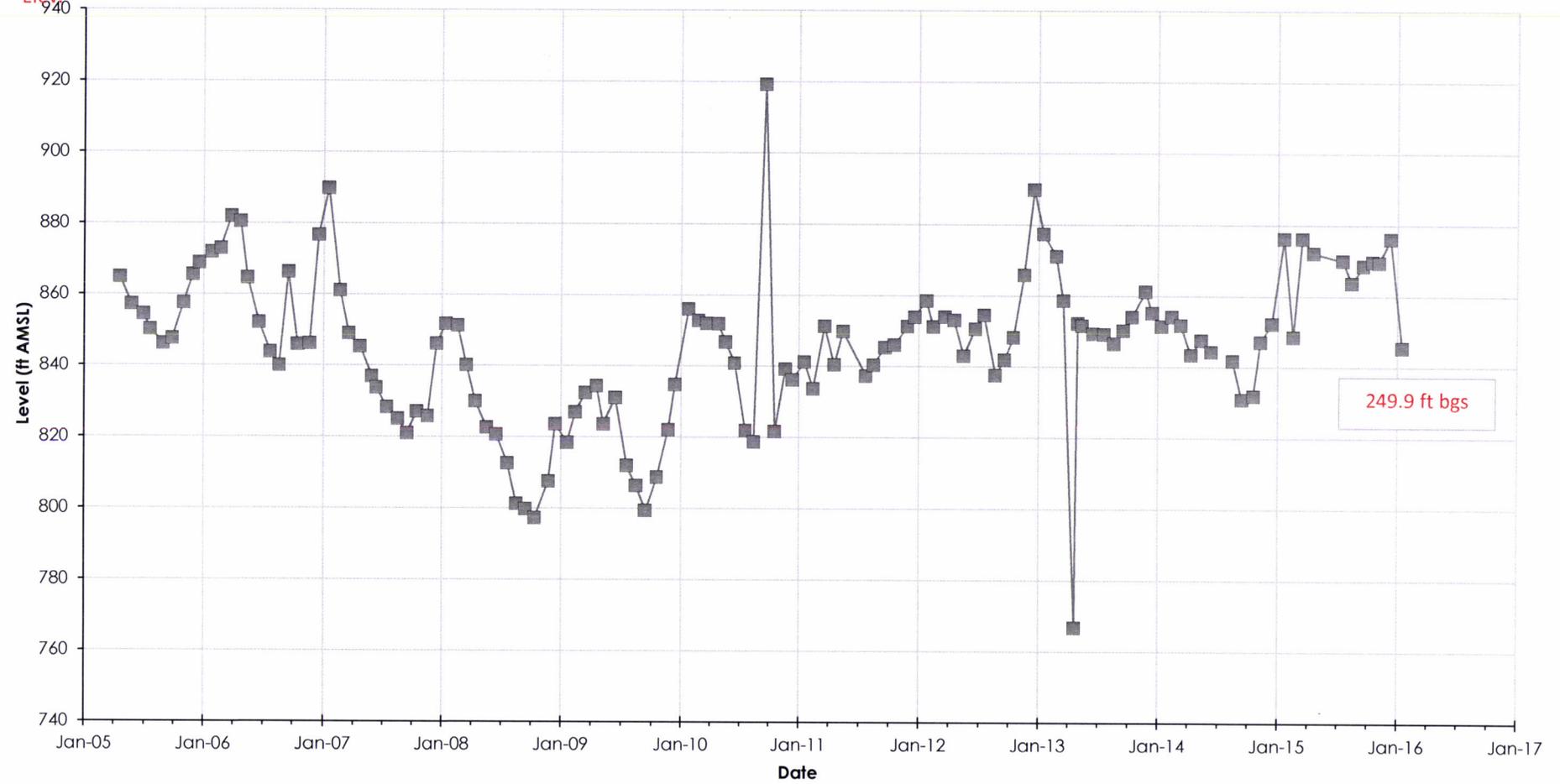
EPA 002

Title

Water Level Elevations



1090.2
Ground
Elev



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

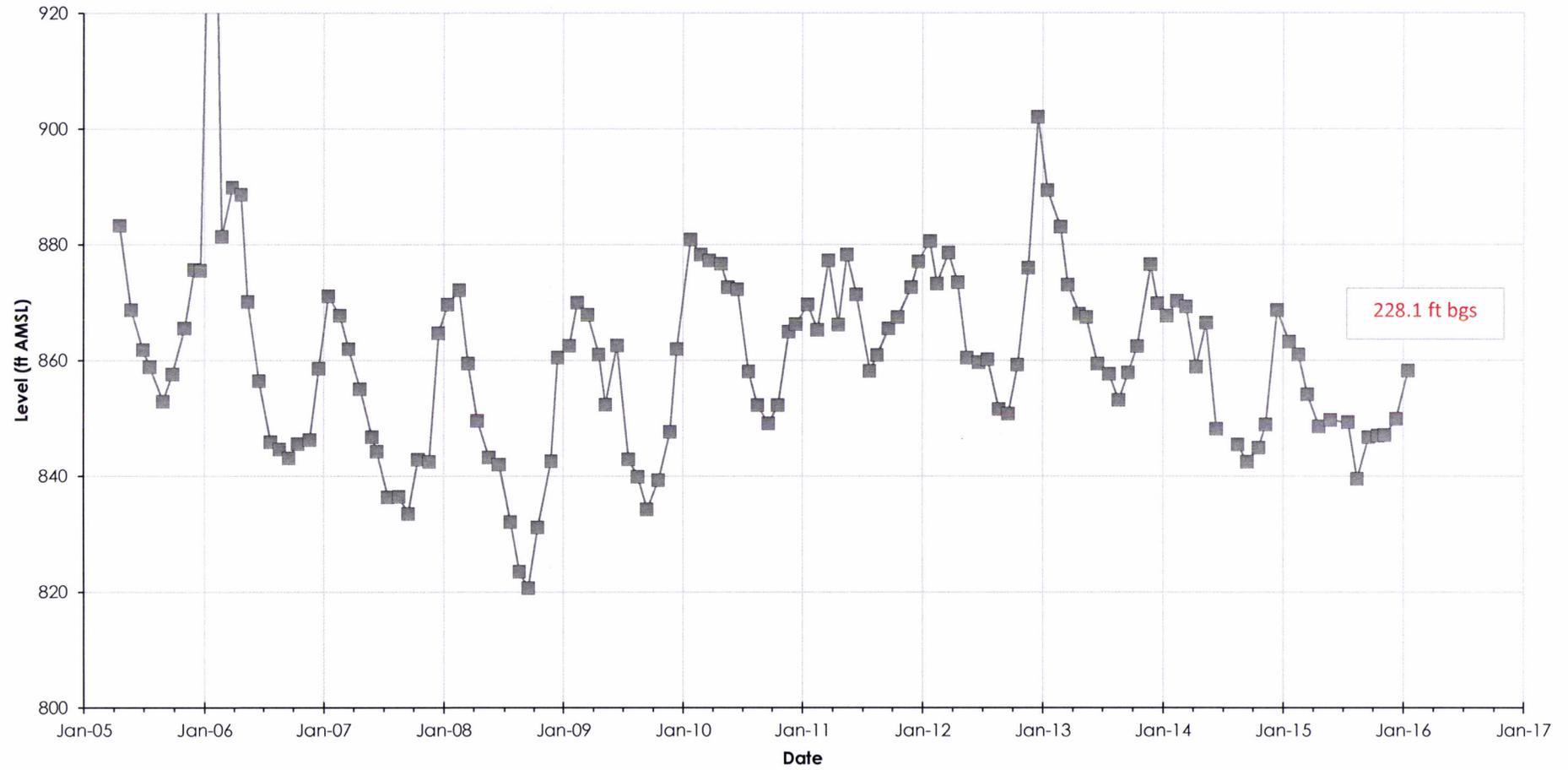
EPA 003

Title

Water Level Elevations



1086.3
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

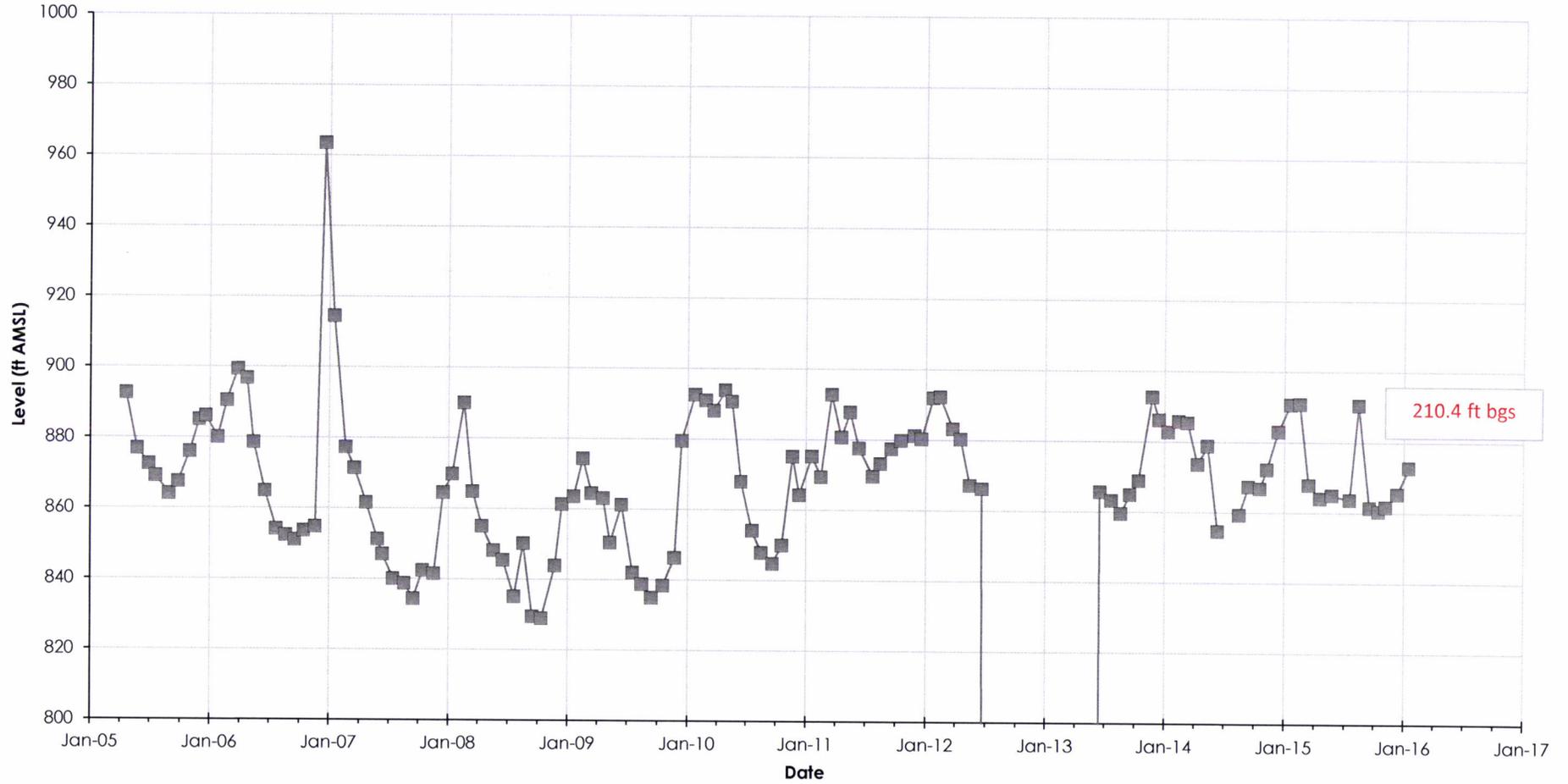
EPA 004

Title

Water Level Elevations



1083.3
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

EPA 005

Title

Water Level Elevations

Hydrographs

Region: Muscoy Mid-Plume

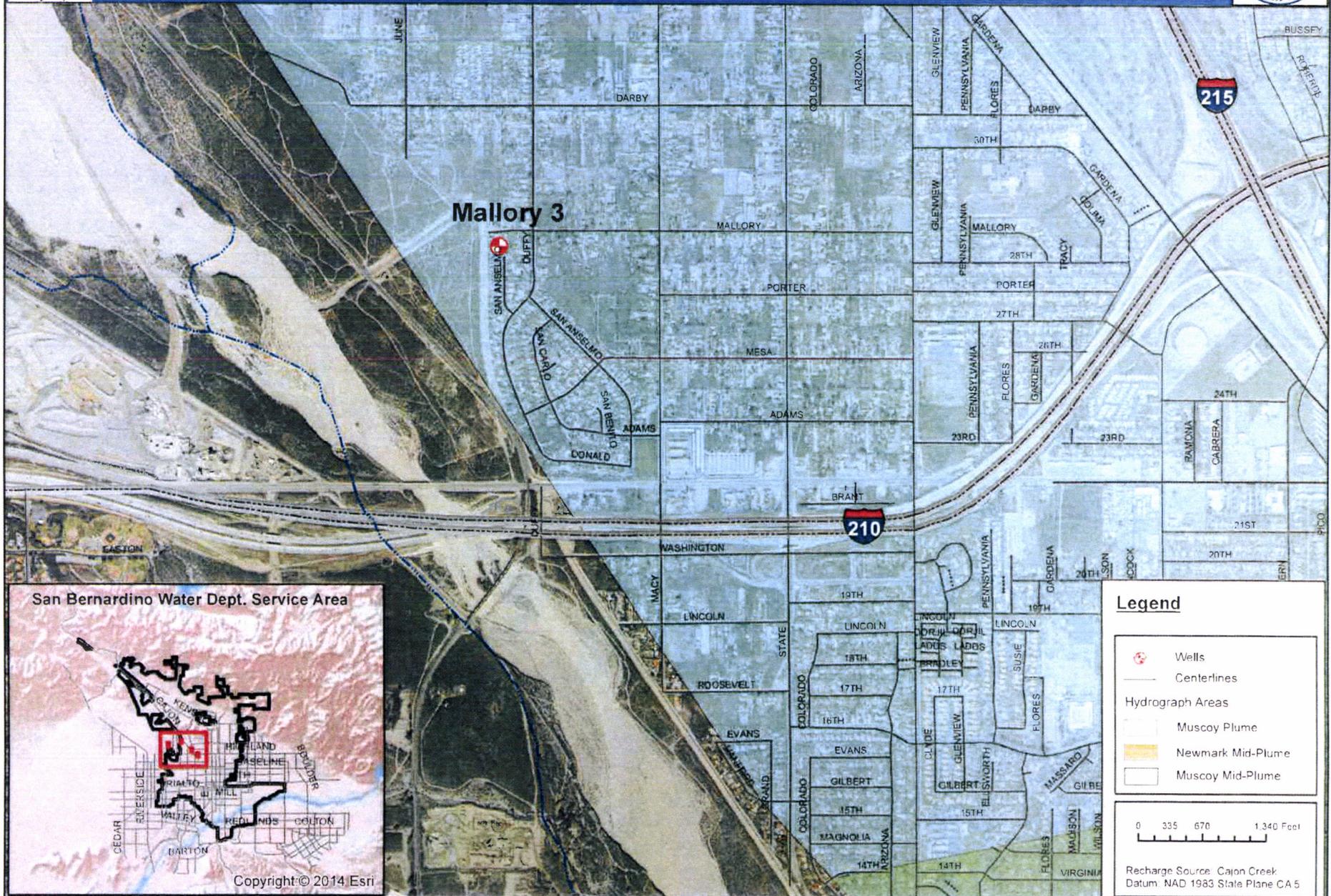
Production and Monitoring Wells

Recharge Source:

Cajon Creek (No Artificial Recharge)



Muscoy Mid-Plume Region Production and Monitoring Wells



Legend

- Wells
- Centerlines
- Hydrograph Areas**
 - Muscoy Plume
 - Newmark Mid-Plume
 - Muscoy Mid-Plume

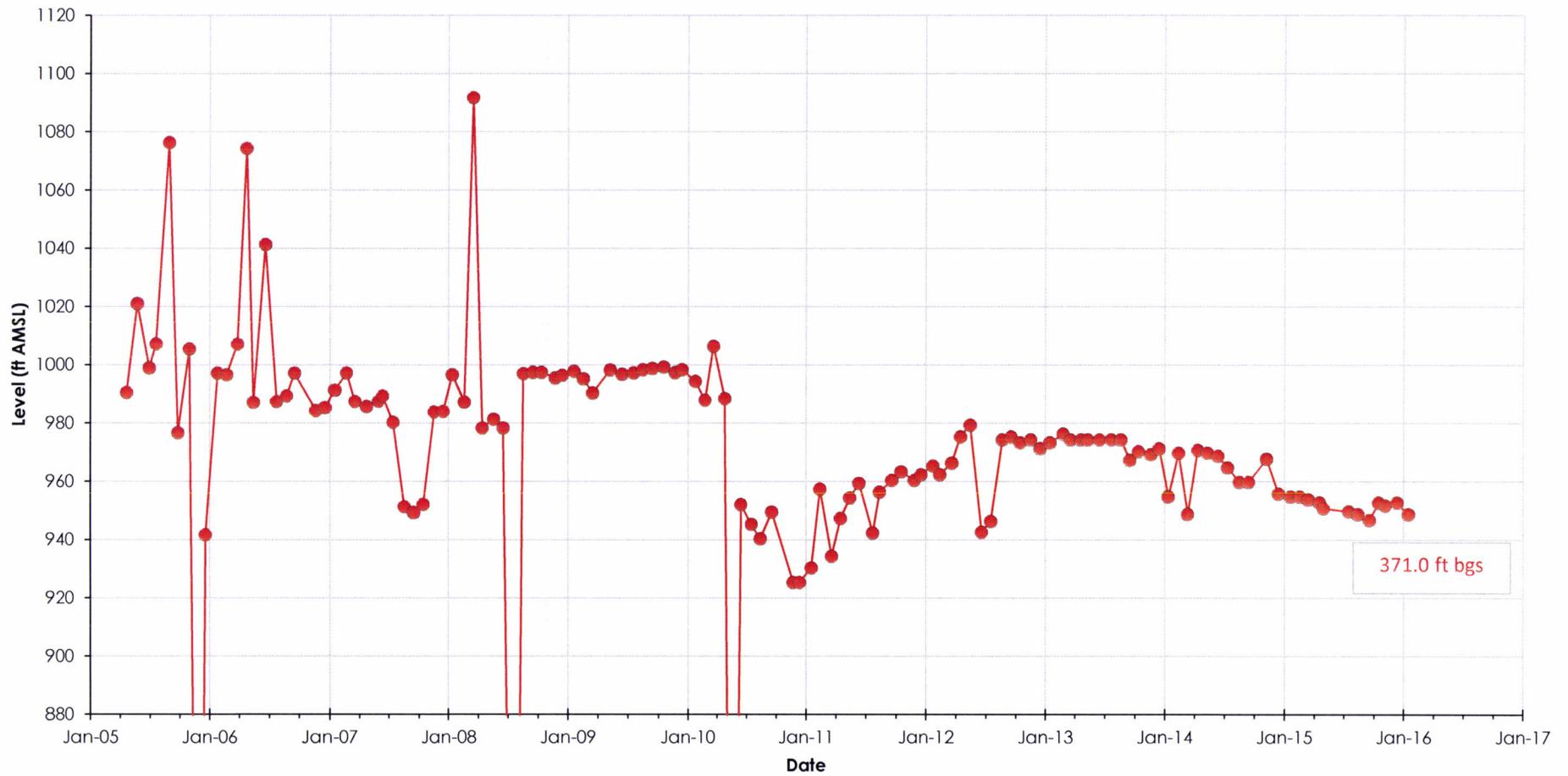
0 335 670 1,340 Feet

Recharge Source: Cajon Creek
Datum: NAD 1983 State Plane CA 5

San Bernardino Water Dept. Service Area

Copyright © 2014 Esri

1319.8
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

Mallory 3

Title

Water Level Elevations



Hydrographs

Region: Muscoy Plume

Production, Extraction, and Monitoring Wells

Recharge Source:

Cajon Creek (No Artificial Recharge)

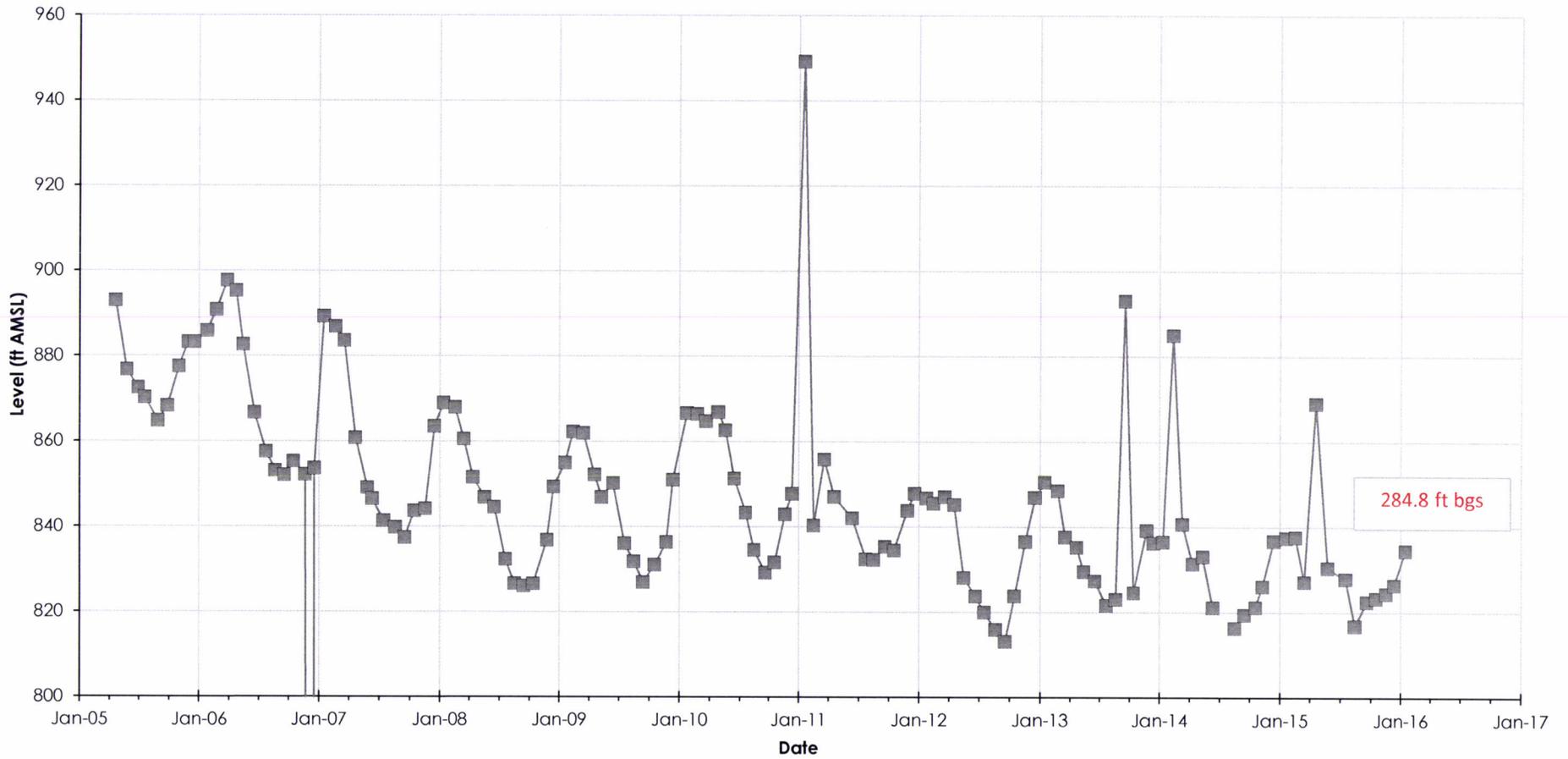


Muscoy Plume Region

Production, Extraction, and Monitoring Wells



1119.3
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

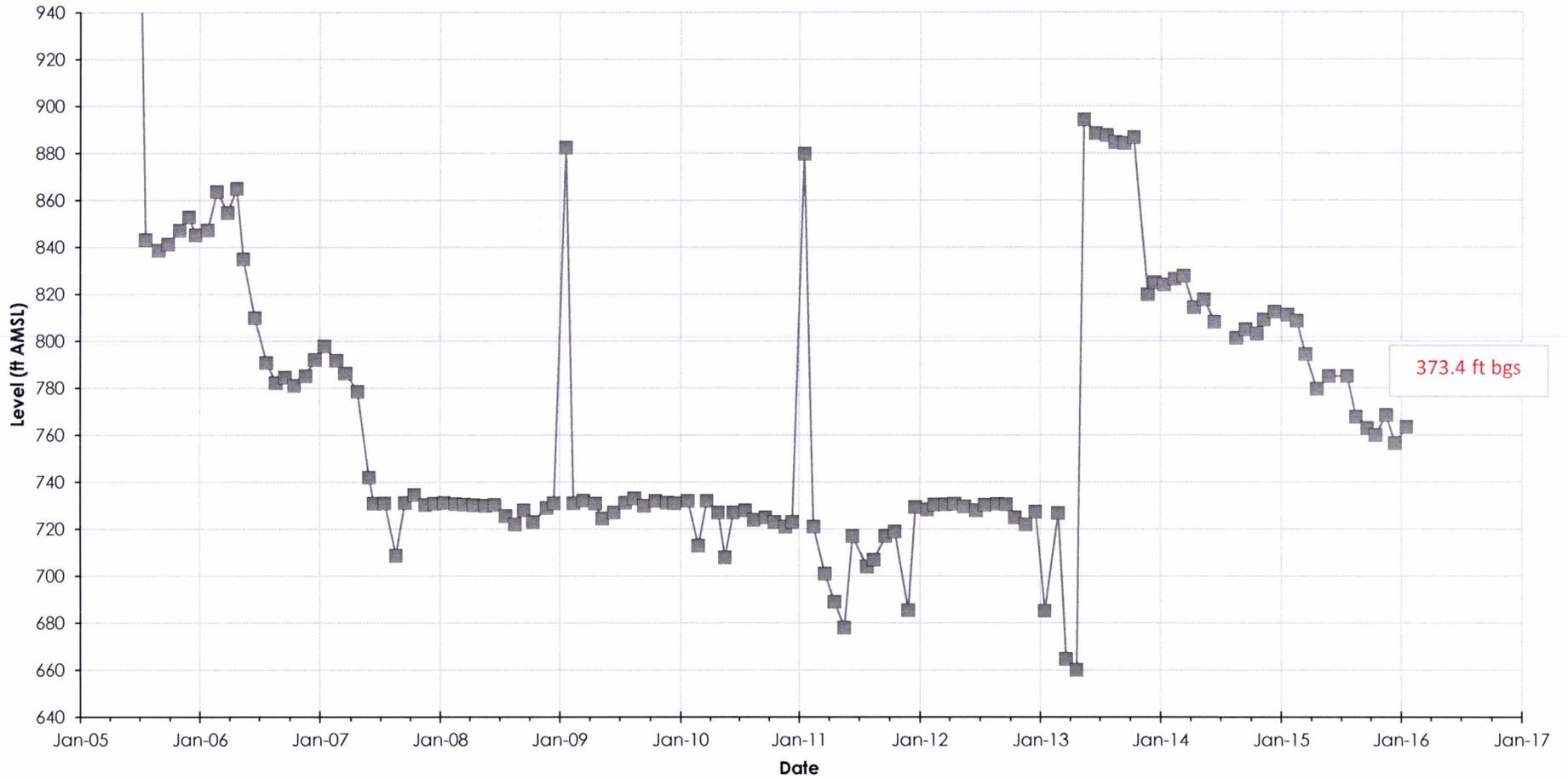
Figure/Well No.

EPA 108

Title

Water Level Elevations

1137.0
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

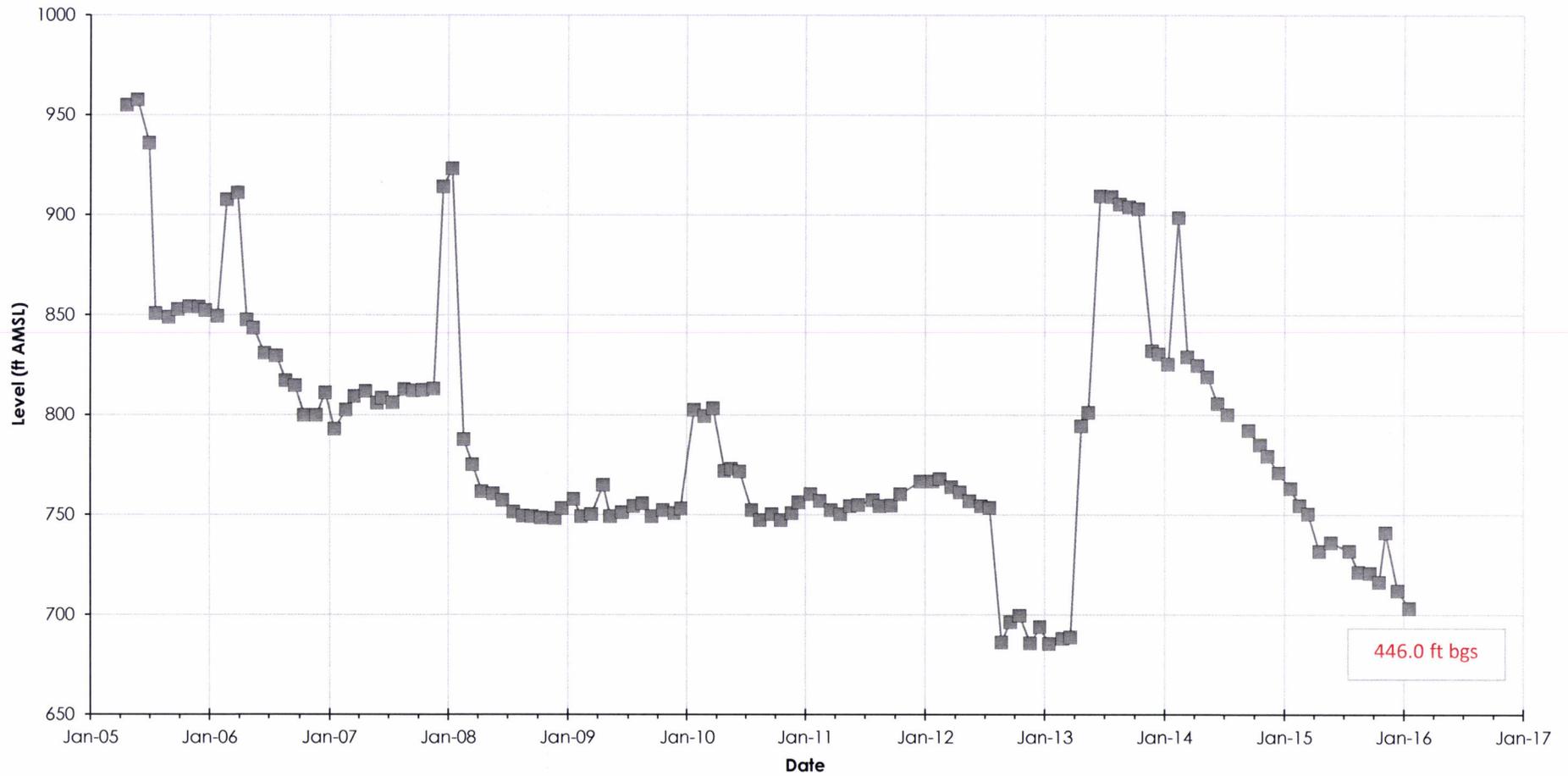
EPA 109

Title

Water Level Elevations



1149.3
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

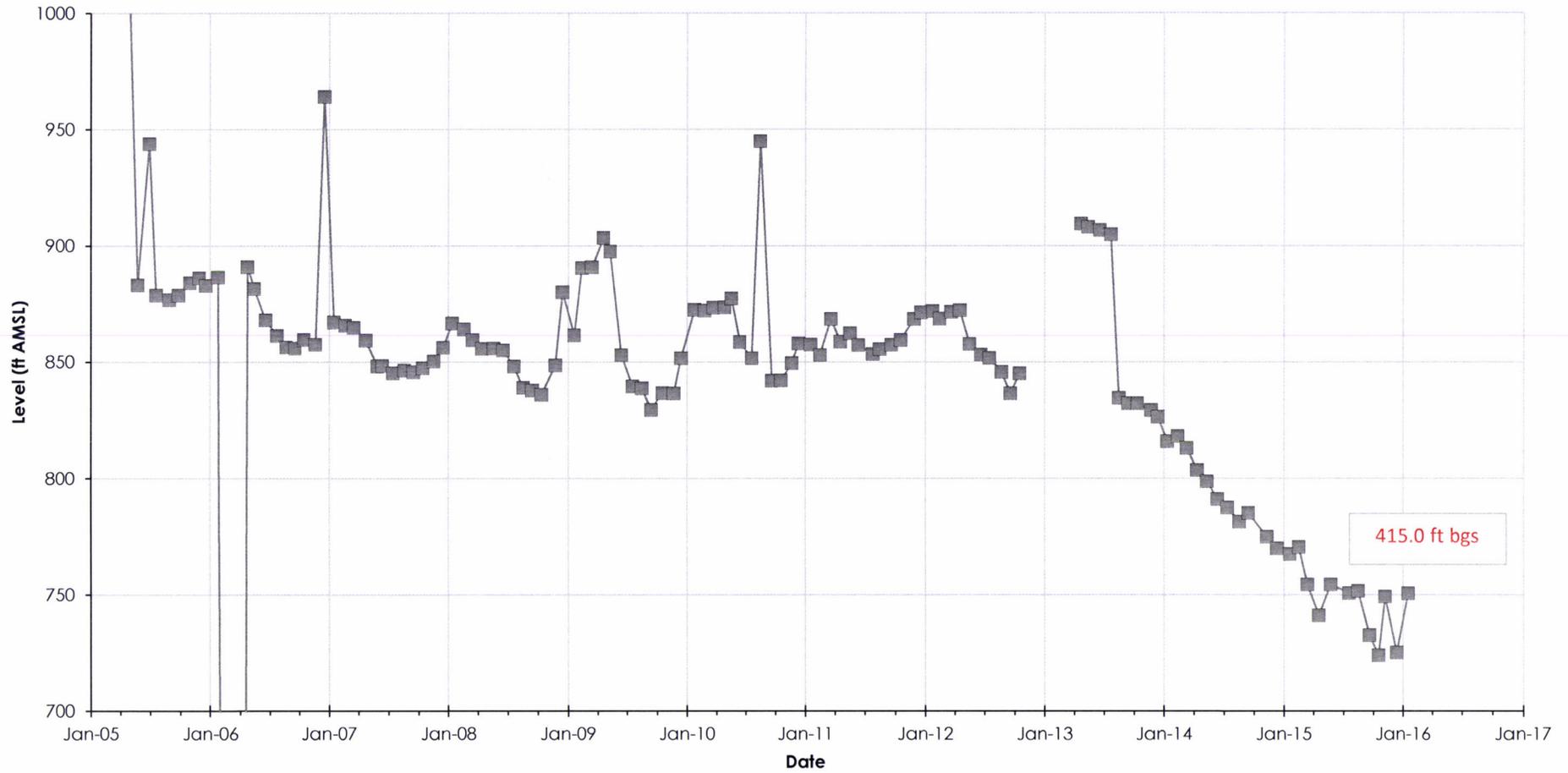
EPA 110

Title

Water Level Elevations



1165.7
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

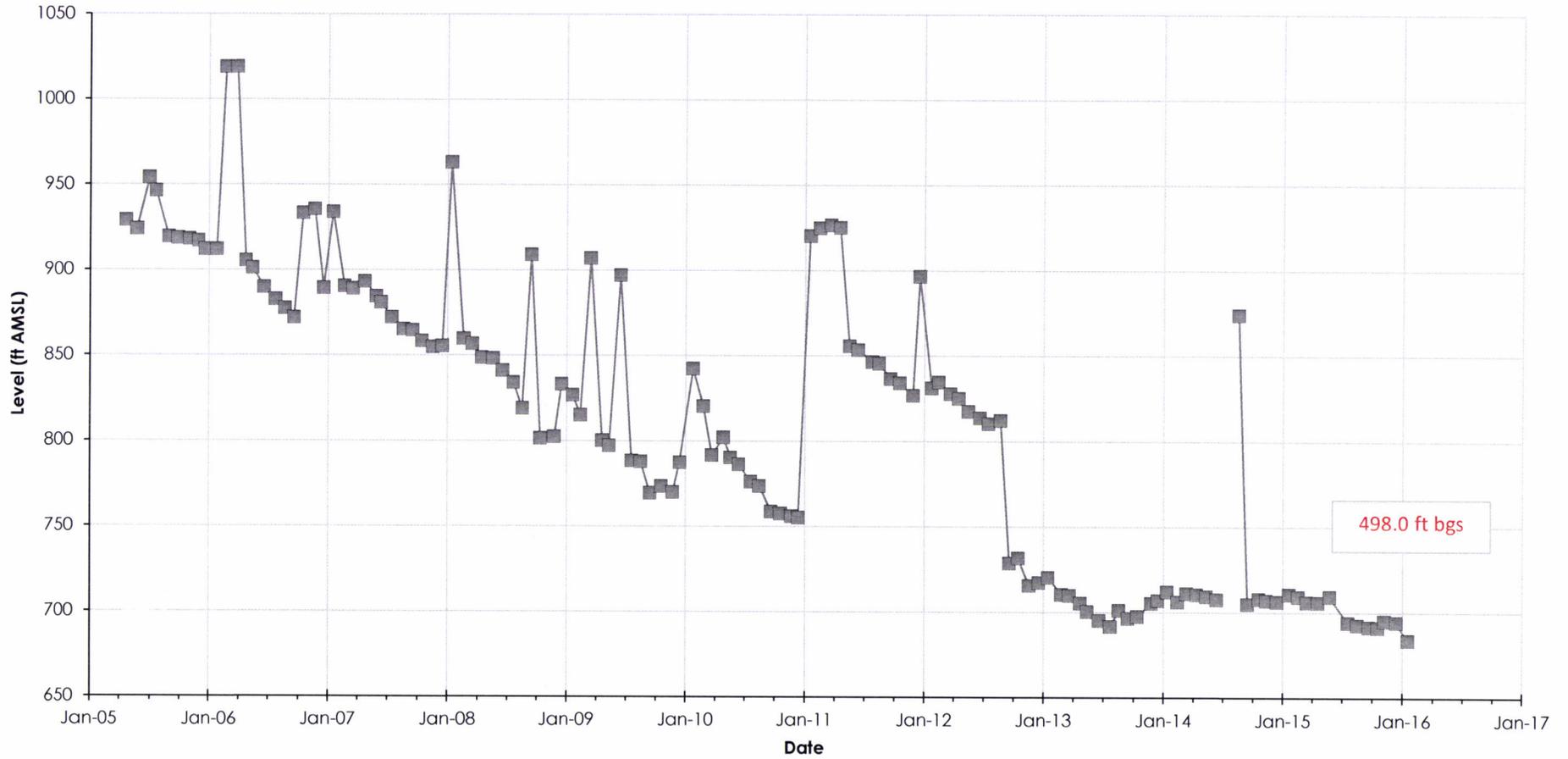
EPA 111

Title

Water Level Elevations



1181.8
Ground
Elev.



Client/Project

Water Level Monitoring Program
City of San Bernardino California

Figure/Well No.

EPA 112

Title

Water Level Elevations



EXHIBIT B

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT
Monthly Depth To Water For Wells Maintained By Operations
January 2016

Well Name	State Well Number Rec. Number	Reading Date	Depth to Water	Ref. Point Elev.	WL Elev.	Pump Elev.	WL-Pump Elev.	Tech	Not Measured/Why	Status/ Method
10TH & J ST	01S/04W-B04S 3603207	1/19/2016	255.00	1112.8	857.8	762.8	95.0	TR	[]	Static Airline
16TH & SIERRA WAY	01N/04W-34G03 S 3600726	1/19/2016	249.20	1135.3	886.1	757.3	128.8	NH	[]	Pumping Electric Wire Sounder
16TH & SIERRA WAY	01N/04W-34G03 S 3600726	1/19/2016	224.60	1135.3	910.7	757.3	153.4	NH	[]	Static Electric Wire Sounder
17TH & SIERRA WAY 2	01N/04W-34G01 S 3603208	1/19/2016				766.9	0.0	NH	[X] Well Blocked	Static Electric Wire Sounder
19TH ST 1	01N/04W-32D03 S 3600717	1/20/2016	339.40	1231.2	891.8	881.2	10.6	NH	[]	Static Electric Wire Sounder
19TH ST 2	01N/04W-32D04 S 3600718	1/20/2016	345.70	1236.1	890.4	616.1	274.3	NH	[]	Static Electric Wire Sounder
19TH ST 2	01N/04W-32D04 S 3600718	1/20/2016	480.40	1236.1	755.7	616.1	139.6	NH	[]	Pumping Electric Wire Sounder
25TH & NORTH E ST	01N/04W-27M01 S 3600721	1/19/2016	310.10	1192.1	882.0	912.1	30.1	NH	[]	Static Electric Wire Sounder
27TH & ACACIA	01N/04W-27M02 S 3600720	1/19/2016	299.90	1183.4	883.5	843.4	40.1	NH	[]	Static Electric Wire Sounder
30TH ST	01N/04W-27G01 S 3600719	1/20/2016	336.10	1226.8	890.7	826.8	63.9	NH	[]	Static Electric Wire Sounder
31ST ST & MT. VIEW	01N/04W-27B01 S 3602081	1/19/2016	343.10	1232.3	889.2	792.3	96.9	NH	[]	Static Electric Wire Sounder
40TH & VALENCIA	01N/04W-14P01 3603472	1/20/2016	295.30	1355.0	1059.7	905.0	154.7	NH	[]	Static Electric Wire Sounder

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT
Monthly Depth To Water For Wells Maintained By Operations
January 2016

Well Name	State Well Number Rec. Number	Reading Date	Depth to Water	Ref. Point Elev.	WL Elev.	Pump Elev.	WL-Pump Elev.	Tech	Not Measured/Why	Status/ Method
7TH STREET	01S/04W-03J05 S 3602265	1/19/2016	186.80	1056.5	869.7	726.5	143.2	NH	[]	Static Electric Wire Sounder
ANTIL 5	01S/04W-02K02 S 3600731	1/19/2016				787.8	0.0	NH	[X] Well Blocked	Static Electric Wire Sounder
ANTIL 6	01S/04W-02K08 S 3602422	1/19/2016	185.50	1052.5	867.0	777.5	89.5	NH	[]	Static Electric Wire Sounder
BASELINE & CALIFORNIA	01N/04W-32N01 S 3602400	1/20/2016	330.00	1184.9	854.9	799.9	55.0	AO	[]	Static Airline
CAJON 2	01N/05W-03HO2 S 3601844	1/20/2016	224.00	1887.1	1663.1	1537.1	126.0	AO	[]	Static Airline
CAJON 3	01N/05W-03A02 S 3602821	1/20/2016	222.00	1894.9	1672.9	1537.9	135.0	AO	[]	Static Airline
CAJON 4	01N/05W-03A-S G363792	1/19/2016	221.00	1923.0	1702.0	1523.0	179.0	AO	[]	Static Electric Wire Sounder
CAJON CANYON	02N/05W-19K02 S 3600710	1/19/2016	85.50	2328.0	2242.5	2178.0	64.5	AO	[]	Static Electric Wire Sounder
DEVIL CANYON 1	01N/04W-08M01 S 3600712	1/19/2016	159.50	1528.9	1369.4	1278.9	90.5	AO	[]	Static Electric Wire Sounder
DEVIL CANYON 2	01N/04W-07F01 S 3600711	1/19/2016	155.80	1622.0	1466.2	1370.5	95.7	AO	[]	Static Electric Wire Sounder
DEVIL CANYON 3	01N/04W-06H02 S 3602206	1/19/2016	29.00	1888.5	1859.5	1853.5	6.0	AO	[]	Static Electric Wire Sounder
DEVIL CANYON 4	01N/04W-06H01 S 3602205	1/19/2016	41.38	1903.4	1862.0	1848.4	13.6	AO	[]	Static Electric Wire Sounder

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT
Monthly Depth To Water For Wells Maintained By Operations
January 2016

Well Name	State Well Number Rec. Number	Reading Date	Depth to Water	Ref. Point Elev.	WL Elev.	Pump Elev.	WL-Pump Elev.	Tech	Not Measured/Why	Status/ Method
DEVIL CANYON 5	01N/04W-08M02 S 3602844	1/19/2016	162.70	1561.7	1399.0	1261.7	137.3	AO	[]	Static Electric Wire Sounder
DEVIL CANYON 5	01N/04W-08M02 S 3602844	1/19/2016	177.20	1561.7	1384.5	1261.7	122.8	AO	[]	Pumping Electric Wire Sounder
DEVIL CANYON 6	01N/04W-06A01 S 3603580	1/19/2016	26.90	2039.3	2012.4	1994.3	18.1	AO	[]	Pumping Electric Wire Sounder
DEVIL CANYON 6	01N/04W-06A01 S 3603580	1/19/2016	18.20	2039.3	2021.1	1994.3	26.8	AO	[]	Static Electric Wire Sounder
DEVIL CANYON 7	01N/04W-06A02 S 3603579	1/19/2016	18.80	2041.9	2023.1	1996.9	26.2	AO	[]	Static Electric Wire Sounder
ELLENA BROTHERS	01N/04W-08P01 S 3602712	1/19/2016	182.00	1476.7	1294.7	1175.7	119.0	AO	[]	Static Electric Wire Sounder
EPA 001	01S/04W-03D04 S G3603688	1/19/2016	248.23	1093.9	845.7	731.9	113.8	WB	[]	Pumping Electric Wire Sounder
EPA 002	01S/04W-03C03 S G3603689	1/19/2016	236.80	1091.7	854.9	791.7	63.2	WB	[]	Pumping Electric Wire Sounder
EPA 003	01S/04W-03C04 S G3603690	1/19/2016	249.88	1095.4	845.5	660.4	185.1	WB	[]	Pumping Electric Wire Sounder
EPA 004	01S/04W-03B03 S G3603691	1/19/2016	228.11	1086.3	858.2	786.3	71.9	WB	[]	Pumping Electric Wire Sounder
EPA 005	01S/04W-03A04 S G3603692	1/19/2016	210.40	1083.3	872.9	779.3	93.6	WB	[]	Static Electric Wire Sounder
EPA 006	01N/04W-16M03 S G3603693	1/19/2016	201.93	1396.6	1194.6	1096.6	98.1	WB	[]	Pumping Electric Wire Sounder

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT
Monthly Depth To Water For Wells Maintained By Operations
January 2016

Well Name	State Well Number Rec. Number	Reading Date	Depth to Water	Ref. Point Elev.	WL Elev.	Pump Elev.	WL-Pump Elev.	Tech	Not Measured/Why	Status/ Method
EPA 007	01N/04W-16M04 S G3603694	1/19/2016	206.35	1404.5	1198.2	1144.5	53.6	WB	[]	Pumping Electric Wire Sounder
EPA 108	01N/04W-33Q-S G363786	1/19/2016	284.80	1119.3	834.5	654.3	180.2	WB	[]	Pumping Electric Wire Sounder
EPA 108S	01N/04W-33R003S G3603917	1/19/2016	270.31	1119.3	849.0	669.3	179.7	WB	[]	Static Electric Wire Sounder
EPA 109	01N/04W-33P-S G363787	1/20/2016	373.40	1137.0	763.6	482.0	281.6	TR	[]	Pumping Electric Wire Sounder
EPA 110	01N/04W-33N-S G363788	1/20/2016	446.00	1149.3	703.3	589.3	114.0	TR	[]	Pumping Electric Wire Sounder
EPA 111	01N/04W-32R-S G363789	1/20/2016	415.00	1165.7	750.7	625.7	125.0	TR	[]	Pumping Electric Wire Sounder
EPA 112	01N/04W-32P-S G363790	1/20/2016	498.00	1181.8	683.8	616.8	67.0	TR	[]	Pumping Electric Wire Sounder
GILBERT ST .	01N/04W-35M03 S 3600729	1/19/2016	267.00	1123.5	856.5	783.5	73.0	NH	[]	Pumping Airline
INTER CITY IRRIGATION		1/20/2016		-999.0		-999.0	0.0		[X] No Data	
INTER CITY MUTUAL 08	01S/04W-23N 3601316	1/19/2016	146.20	1028.0	881.8	1028.0	0.0	NH	[]	Static Electric Wire Sounder
IVDA 11	01S/03W-07A06 S 3603649	1/19/2016	218.60	1140.0	921.4	910.0	11.4	NH	[]	Static Electric Wire Sounder
KENWOOD 1	02N/05W-19R01S 3603471	1/19/2016	195.62	2350.8	2155.2	2027.8	127.4	AO	[]	Pumping Electric Wire Sounder

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT
Monthly Depth To Water For Wells Maintained By Operations
January 2016

Well Name	State Well Number Rec. Number	Reading Date	Depth to Water	Ref. Point Elev.	WL Elev.	Pump Elev.	WL-Pump Elev.	Tech	Not Measured/Why	Status/ Method
KENWOOD 2	02N/05W-19R-S G363791	1/19/2016	140.60	2289.0	2148.4	2089.0	59.4	AO	[]	Static Electric Wire Sounder
LEROY	01N/04W-27A02 S 3602401	1/20/2016	340.90	1239.7	898.8	859.7	39.1	NH	[]	Static Electric Wire Sounder
LYNWOOD	01N/04W-26E02 S 3600727	1/20/2016	327.30	1236.2	908.9	791.2	117.7	NH	[]	Static Electric Wire Sounder
LYTLE CREEK 2	01N/05W-36J01 3603027	1/19/2016				722.2	0.0	AO	[]	Pumping Electric Wire Sounder
LYTLE CREEK 3-1	01N/05W-36R01 3600713	1/19/2016	391.72	1247.8	856.1	1247.8	0.0	AO	[]	Static Electric Wire Sounder
MALLORY NO.3	01N/04W-30M01S 3601845	1/19/2016	371.00	1319.8	948.8	829.8	119.0	TR	[]	Static Airline
MALLORY NO.3	01N/04W-30M01S 3601845	1/19/2016	377.00	1319.8	942.8	829.8	113.0	TR	[]	Pumping Airline
MILL & D	01S/04W-10N06 S 3600737	1/19/2016	108.00	1001.1	893.1	711.1	182.0	NH	[]	Static Electric Wire Sounder
MILL & D	01S/04W-10N06 S 3600737	1/19/2016	109.00	1001.1	892.1	711.1	181.0	NH	[]	Pumping Electric Wire Sounder
MT VERNON WATER CO	01N/04W-31A01 S 3600319	1/19/2016	363.12	1258.8	895.7	838.8	56.9	AO	[]	Static Electric Wire Sounder
NEWMARK 1	01N/04W-16E01 S 3600714	1/19/2016	202.94	1412.7	1209.8	1092.7	117.1	AO	[]	Static Electric Wire Sounder
NEWMARK 2	01N/04W-16E02 S 3600715	1/19/2016	206.50	1405.3	1198.8	1065.3	133.5	AO	[]	Static Steel Tape

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT
Monthly Depth To Water For Wells Maintained By Operations
January 2016

Well Name	State Well Number Rec. Number	Reading Date	Depth to Water	Ref. Point Elev.	WL Elev.	Pump Elev.	WL-Pump Elev.	Tech	Not Measured/Why	Status/ Method
NEWMARK 3	01N/04W-16E03 S 3600716	1/19/2016	206.23	1406.4	1200.2	1086.4	113.8	WB	[]	Pumping Electric Wire Sounder
NEWMARK 4	01N/04W-16E04 S 3602399	1/19/2016	199.72	1413.6	1213.9	1113.6	100.3	AO	[]	Static Electric Wire Sounder
OLIVE & GARNER	01S/04W-04D02S 3603206	1/19/2016	261.20	1132.5	871.3	682.5	188.8	TR	[]	Static Electric Wire Sounder
PERRIS HILL 4	01N/04W-35C03 S 3601117	1/19/2016	278.30	1168.3	890.0	898.3	8.3	NH	[]	Static Electric Wire Sounder
PERRIS HILL 5	01N/04W-26P03 S 3601115	1/19/2016	283.80	1173.5	889.7	873.5	16.2	NH	[]	Static Electric Wire Sounder
SB COUNTY 1-34A	01S/04W-03Q	1/19/2016				47.0	0.0	JMA	[X] Dry	Static Electric Wire Sounder
VINCENT	02N/05W-19Q01 S 3602426	1/19/2016	93.90	2314.3	2220.4	2144.3	76.1	AO	[]	Static Electric Wire Sounder
WATERMAN AVE.	01N/04W-27A01 S 3600728	1/20/2016	342.60	1244.8	902.2	794.8	107.4	NH	[]	Static Electric Wire Sounder

EXHIBIT C

City of San Bernardino Municipal Water Department

Monthly Weather Report

January 2016

Location	Yards			Mill & D	Lytle Creek	Newmark	Devil Canyon
Date	Max Temp deg F	Min Temp deg F	1/100 of an inch increments				
1	71.2	37.4	0.00	0.00	0.00	0.00	0.00
2	76.5	40.8	0.00	0.00	0.00	0.00	0.00
3	69.2	43.4	0.00	0.00	0.00	0.00	0.00
4	74.6	50.9	0.00	0.00	0.00	0.00	0.00
5	59.7	51.9	1.24	0.99	1.26	1.03	1.27
6	54.7	48.8	0.78	0.57	0.76	0.69	0.89
7	56.2	44.8	0.62	0.57	0.47	0.28	0.43
8	62.5	38.7	0.00	0.00	0.00	0.00	0.00
9	63.0	42.0	0.00	0.00	0.00	0.00	0.00
10	65.3	48.9	0.00	0.00	0.00	0.00	0.00
11	71.8	45.5	0.00	0.00	0.00	0.00	0.00
12	80.0	40.6	0.00	0.00	0.00	0.00	0.00
13	69.2	40.1	0.00	0.00	0.00	0.00	0.00
14	64.4	42.6	0.00	0.00	0.00	0.00	0.00
15	62.0	52.2	0.00	0.00	0.00	0.00	0.00
16	68.4	47.0	0.00	0.00	0.00	0.00	0.00
17	73.6	47.6	0.00	0.00	0.00	0.00	0.00
18	64.8	51.5	0.00	0.00	0.00	0.00	0.00
19	67.3	54.2	0.01	0.00	0.02	0.01	0.02
20	70.6	53.9	0.00	0.00	0.00	0.00	0.00
21	82.0	49.0	0.00	0.00	0.00	0.00	0.00
22	80.4	48.6	0.00	0.00	0.00	0.00	0.00
23	66.7	50.4	0.00	0.00	0.00	0.00	0.00
24	68.4	48.3	0.00	0.00	0.00	0.00	0.00
25	70.9	45.7	0.00	0.00	0.00	0.00	0.00
26	76.4	50.2	0.00	0.00	0.00	0.00	0.00
27	78.6	46.8	0.00	0.00	0.00	0.00	0.00
28	80.3	48.4	0.00	0.00	0.00	0.00	0.00
29	78.6	50.5	0.00	0.00	0.00	0.00	0.00
30	69.9	48.6	0.00	0.00	0.00	0.02	0.00
31	60.0	45.9	0.46	0.40	0.53	0.64	1.06

	Max	Min					
TOTALS	82.0	37.4	3.11	2.53	3.04	2.67	3.67
YTD			0.93	0.87	1.27	1.12	1.34

Monthly Rain Totals



SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

FISCAL YEAR 2015-2016
RAIN READS

DATE	MILL & D	LOWER YARDS	D.C.	L.C.	NEWMARK	AVERAGE
Jul-15	0.95	1.02	0.71	0.59	0.41	0.74
Aug-15	0.00	0.00	0.00	0.00	0.00	0
Sep-15	1.53	1.80	1.15	1.40	0.89	1.35
Oct-15	0.62	0.69	0.38	0.15	0.30	0.43
Nov-15	0.53	0.21	0.71	0.50	0.43	0.48
Dec-15	0.87	0.93	1.34	1.24	1.12	1.10
Jan-16	2.53	3.11	3.67	3.04	2.67	3.00
TOTAL	7.03	7.76	7.96	6.92	5.82	7.10

All values are in inches

MICHAEL GARLAND
Water Utility
Operations Superintendent

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT
RAINFALL
July 2015 THROUGH June 2016

