NWP NACIMIENTO WATER PROJECT

San Luis Obispo County Flood Control & Water Conservation District

July 11, 2007

CERTIFIED MAIL, RETURN RECEIPT REQUESTED
or OTHER EXPRESS SERVICE

NACIMIENTO WATER PROJECT

ADDENDUM NO. 03
for
PIPELINE NORTH
CONTRACT NO. 300187.08-03
SPECIFICATION No. 03

Revised Unexploded Ordinance (UXO) requirements.
Added status of easement acquisition.
Added existing asphaltic concrete pavement thicknesses.
Revised Standard Details C037 and C048.
Miscellaneous changes and clarifications to the Specifications and Drawings.

Noel King
Director of Public Works

John R. Hollenbeck, P.E.
Nacimiento Project Manager

ACKNOWLEDGMENT

BIDDER shall submit this ACKNOWLEDGMENT as indicated below if this Addendum was received by any delivery service other than Certified Mail return receipt requested, or Other Express Service.

Company Name	Printed Name	Signature	Date

Return this acknowledgment via any of the following methods:

☐ **Fax No. (805) 772-2010, c/o Vicki**

☐ **E-mail *.pdf to Vicki@ASAPreprographics.com**

☐ **Other carrier _____ (fill in by sender)**

NWP NACIMIENTO WATER PROJECT

San Luis Obispo County Flood Control & Water Conservation District

CONTRACT NO. 300187.08.03
Specification 03

ADDENDUM

DATE:	July 11, 2007
PROJECT:	Pipeline North
ADDENDUM NO.:	3
BID OPENING:	July 19, 2007

REGISTERED PROFESSIONAL ENGINEER PAUL R. KNEITZ No. 30578 Exp. 03/31/08 CIVIL STATE OF CALIFORNIA

07/11/07

NOTICE TO ALL BIDDERS SUBMITTING BIDS AND TO ALL PLANHOLDERS:

You are hereby notified of the following changes, clarifications or modifications to the Contract Documents. This addendum shall supersede the original Contract Documents and previous addenda. In the event this addendum contradicts the original Contract Documents and previous addenda, this addendum shall take precedence. All other provisions of the Contract Documents shall remain unchanged.

BIDDERS shall acknowledge receipt of this addendum in the appropriate space provided in the Bid Forms.

A. CHANGES AND/OR CLARIFICATIONS TO DIVISION 0 - BIDDING AND CONTRACT REQUIREMENTS

1. Section 00100, Instructions to Bidders, Article 6, Page 4; make the following revisions:

   Article 6.3: Change "enclosed Certificate of Authority" to "BIDDER-supplied Certificate of Authority"

Article 6.4: Change “enclosed Certificate of Authority” to “BIDDER-supplied Certificate of Authority”

Article 6.5: Change “enclosed Certificate of Authority” to “BIDDER-supplied Certificate of Authority”

2. Section 00400, “Bid Forms,” refer to revised Bid Forms dated 7/11/07 attached which include the revisions below as well as revisions made by Addendum 1 and Addendum 2; please return this form with your bid proposal.

   Bid Item No. 6: revise the quantity from “43,620” to “42,450”

   Bid Item No. 9: revise the quantity from “24,050” to “24,690”

   Bid Item No. 10: revise the quantity from “1,940” to “3,500”

   Bid Item No. 11: revise the quantity from “37,490” to “35,437”

3. Section 00700, Paragraph 14.3.D; add the following to the end of the first paragraph:

   “Materials of like kind in large quantities and related appurtenant components that will be incorporated in the WORK will be eligible for payment, if considered eligible by the ENGINEER, even though a single item of said material has a value of less than $5,000.”

4. In the Table of Contents of all Parts, add to the end of APPENDIX F:

   “NWP Tree Report”

B. CHANGES AND/OR CLARIFICATIONS TO DIVISION 1 – GENERAL REQUIREMENTS

1. Section 01061, “Environmental Mitigation Requirements,” Page 14; add a new Paragraph 15.6 as follows:

   “15.6 NWP Tree Report. The surveyed trunk locations for oak trees with trunk size 12” and larger are summarized in Appendix F.”

2. Section 01010, “Summary of Work,” Page 7, Article 12; replace the existing Article 12 with the following:

   “12. UNEXPLODED ORDNANCE (UXO) DETECTION AND AVOIDANCE ON CAMP ROBERTS: The pipeline will cross an area known as Camp Roberts and as indicated on the Drawings. All of the CONTRACTOR’S personnel working on Camp Roberts shall attend a mandatory brifing on

UXO protocols provided by Camp Robert's Range Control. There may be UXO, including 60 mm, 81mm, and 105 mm projectiles, which could cause damage to equipment and personnel. Other UXO could include bullets, grenades, fares, and other such devices common for a military installation. CONTRACTOR shall inspect areas prior to conducting any excavation activity in these areas and use caution when excavating. In the event that any UXO is encountered, the CONTRACTOR shall cease operations and notify the ENGINEER and Range Control at Camp Roberts, and allow properly trained Explosive Ordinance Disposal (EOD) personnel to remove the device at that location.

CONTRACTOR shall perform surface sweeps and subsurface detection of ordnance for all of the WORK on Camp Roberts' property. UXO detection services shall be performed by a firm with qualified and experienced individuals specially trained for clearing UXO as expected on Camp Roberts; acceptable firms are UXB International, Inc.; or equal.

- Surface Clearance. A surface clearance (sweep) of UXO shall be conducted by a qualified team of UXO personnel of the area contained within the temporary construction easements shown on the Drawings. Camp Roberts Range Control shall be contacted when any items are discovered. If an item is encountered, immediately notify the ENGINEER and Camp Roberts staff.

- Geophysical Subsurface Detection. In the area of construction activity and specifically tank and pipeline trench excavation, perform subsurface investigations using geophysical methods to detect and map subsurface geophysical anomalies. Promptly notify ENGINEER and Camp Roberts Range Control of any anomalies. Suspect anomalies shall be mapped and coordinates provided for each item.

- Construction Support. Provide UXO construction support when the depths of penetration of suspect ordnance items exceed the depth of detection. Once anomaly detection has been completed to a depth of 4 feet using the subsurface geophysical methods, excavate the trench to that depth over a reasonable distance. The UXO construction support team shall then re-survey the excavated areas maintaining a safe working distance ahead of the construction operations."

3. Section 01040, "Easement and Right-of-Way Requirements," Page 4; add a new Article 5 as follows:

"5. <u>STATUS OF EASEMENT ACQUISITION</u>. The status of DISTRICT acquisition of permanent and temporary easements as of the date of opening of Bids is provided below for CONTRACTOR'S information and construction scheduling purposes.

Easement Status	Property Owners & Assessor's Parcel Numbers (APN)		
Easement Agreements signed by property owner and Board of Supervisors action is completed.	**Dietel** 080-091-020 080-041-028 **Montgomery** 080-091-019 080-041-027 **Harrington Trust** 080-091-007 **Martin** 026-021-065 026-021-066 027-401-014	**Reinhard** 027-411-014 **Rawitser** 027-145-023 **Lorance** 026-141-050 026-141-049 **Atkins** 026-141-019 **Reyes** 020-311-010	**Bartlett** 020-311-026 **Ritter** 020-311-023 **Maduena** 020-311-019 **Walters** 020-311-017
Easement Agreements signed by property owner and pending Board of Supervisors action.	**Viborg** 020-311-015	**River Oaks II, LLC** 025-390-003	
Easement Agreements Pending.	**Camp Roberts** 027-391-014 027-391-015 027-401-017 027-401-023 027-401-024 080-091-009 080-091-010 See Appendix B for dates of construction access.	**City of Paso Robles** 025-541-001 Easement Deed execution in process. **Monterey County Water Resources Agency** 080-041-014 080-091-001 080-091-002 Permit to enter for construction expected by September 2007.	
Right of Possession pending completion of eminent domain proceedings. Right of Possession estimated to be completed by December 31, 2007	**Canterbury Inc.** 080-091-014 080-091-015 **Willard Family Trust** 026-021-071 027-401-033 027-401-034 027-401-035	**Russell** 026-104-001 027-145-022 **Linden** 026-104-002 **Cherry** 026-141-011 026-151-007	**Hopkins** 020-311-018 **Knox** 020-311-016 **Honerkamp** 020-311-014 **Munak** 020-311-033

C. CHANGES AND/OR CLARIFICATIONS TO THE TECHNICAL SPECIFICATIONS

1. Section 02312, "Horizontal Directional Drilling", various revisions throughout as follows:

- Page 5, revise Paragraph 1-6 (three lines) to read as follows:

  "1-6. <u>MINIMUM DESIGN CRITERIA"</u>

- Page 5, revise subparagraph 1-6.03 to read as follows:

  "1-6.03. Calculations shall be completed using an industry accepted method such as ASTM, API, or Willoughby, 2005 or other accepted standard. All calculations shall be completed with conservative assumptions. Incremental filling of the carrier pipe shall be permitted."

- Page 6, revise subparagraph 1-6.05 and subparagraph 1 to read as follows:

  "1-6.05. Carrier Pipe: The carrier pipe shall have a minimum inside diameter as noted on the Drawings. The carrier pipe shall have a minimum wall thickness and strength to withstand operation and installation loads as result of the installation method, procedure, equipment and practices used by the CONTRACTOR. Pipe shall be ANSI/AWWA C200; Steel shall be sheets ASTM A570 Grades 40; Plate ASTM A36 Grades C or D or A572 Grade 42; or coil ASTM 139 Grade B or C. Design calculations shall state installation requirements including fluid inside of the carrier pipe, filling of carrier, and slurry density. Pipe shall be installed to meet the hydraulic design requirements. All longitudinal, girth seam whether straight or spiral shall be butt welded using an approved electro fusion weld process.

  1. The carrier pipe shall be manufactured and welded in accordance with Section 15062. All steel pipe, fittings, specials, and accessories shall be lined and coated as specified herein. Liners shall be approved for water use according to AWWA. Liners shall be liquid epoxy Powercrete™ PW or equivalent. Coating shall be liquid epoxy Powercrete™ R60 or equivalent. All field patching of liners and coatings shall be using compatible material and procedures and in accordance with manufacturer's written recommendations."

- Page 7, delete the text under subparagraph 2 of Par. 1-6.05 and insert the text: "Not Used."

- Page 8, revise Subparagraph 1-6.06 to read as follows:

  "1-6.06. The HDD Subcontractor may propose alternative pipe materials and/or drill paths as specified in General Conditions Article

11.7, “Value Engineering Incentive”, which is subject to the review and approval of the DISTRICT and ENGINEER.”

- Page 21, add a new subparagraph 2-1.07 as follows:

  “2-1.07. Grout. Provide grout material with minimum unconfined compressive strength (UCS) of 500 psi.”

2. Section 02500, “Asphaltic Concrete Pavement,” Page 1; add the following as the first bullet beneath the fourth paragraph:

   “Table 02512-1, “Existing Asphaltic Concrete Pavement Structure Thicknesses.””

3. Section 02500, “Asphaltic Concrete Pavement”; add the following table to the end of the Section before the County of San Luis Obispo County Standard Trench Repair Details:

TABLE 02512-1
EXISTING ASPHALTIC CONCRETE PAVEMENT THICKNESS

ROADWAY*	CONTRACT	NOMINAL PIPELINE STATIONS	A.C. TOTAL THICKNESS (INCHES)	AGGGREGATE BASE TOTAL THICKNESS (INCHES)
North River Road (Paso Robles)	300187.08.03	985 – 1050	5	18
South River Road (Paso Robles)	300187.08.03	1071 – 1149	5	18
South River Road	300187.08.03	1149 – 1171	5	18
Santa Ysabel Road	300187.08.03 300187.08.04	1167 – 1185	3	18
Vaquero Drive	300187.08.04	1278 – 1312	3	12
El Pomar Drive	300187.08.04	1312 – 1389	6	18
Templeton Road	300187.08.04	1389 – 1514 1556 – 1626	6	12
Rocky Canyon Road	300187.08.04	1630 – 1682	6	12
Rocky Canyon Road	300187.08.04 300187.08.05	1682 – 1835	3	12
Sandoval Road	300187.08.05	1954 – 1980	4	12
County Road to Santa Margarita Booster Pump Station	300187.08.05	2200 - 2245	4	18
All Other Locations (Minimimum)	All	N/A	3	6

***** Roadways are under County of San Luis Obispo jurisdiction unless otherwise noted.

4. Section 03300, “Cast-in-Place Concrete,” Page 4; revise Paragraph 2-1.10 to read as follows:

"2-1.10. Concrete for Other Uses. Concrete for fence posts, manholes, pads, thrust blocking, and other uses as shown on the Drawings or Standard Details shall conform to the limiting requirements specified herein, except that the cement factor and total water content may be adjusted to provide the minimum compressive strength as shown. Concrete shall have a slump of not less than 2 inches nor more than 4 inches when placed."

5. Section 15061, "Ductile Iron Pipe," Paragraph 2-2; add the following to the list of materials:

"Mechanical Joints	ANSI/AWWA C110/A21.10 and C110/A21.11
Restrained Mechanical Joints	EBAA Iron "Megalug" Series 1100; or equal."

D. CHANGES AND/OR CLARIFICATIONS TO THE APPENDICES AND DVD

1. In Part 2 of 4, add to the end of Appendix F: NWP Tree Report.

2. Appendix B, summary sheet for property owner River Oaks II LLC; add the following new bullet item under specific CONTRACTOR requirements:

   - CONTRACTOR shall give not less than 90 Days advance notice prior to performing construction activities on this parcel.

E. CHANGES AND/OR CLARIFICATIONS TO THE STANDARD DETAILS

1. Detail C037, Air Valve Enclosure; in the concrete slab, add reinforcing steel with callout "#4 @ 6 EW"

2. Detail C048, Enclosure for 6" Combination Air Valve; in the concrete slab, add reinforcing steel with callout "#4 @ 6 EW"

F. CHANGES AND/OR CLARIFICATIONS TO THE CONTRACT DRAWINGS

1. Drawing G601, Sheet 5 of 246; make the following changes to the Hydraulic Profile:

   Change "STA. 1493+10 - AMWC TURNOUT" to "STA. 1495+85 - AMWC TURNOUT".

In Unit C1a, change the location shown for “PIPE SIZE CHANGE” from “STA 838+00” to “STA 829+50”

2. Drawing G601, Sheet 5 of 246; add a new Note 1 as follows:

   “1. Lake elevations shown are based on NGVD29 vertical datum; all other elevations shown are based on NAVD88 vertical datum.”

3. Revise the callouts shown for the “AR/AV Slow Closing” from “STD C035M / STD C036M” to “STD C046 / STD C047” on the following Drawings:

AP-C101	Sheet 13
A1P-C134	Sheet 79
A1P-C135	Sheet 81
A1P-C136	Sheet 83
A1P-C137	Sheet 85
A1P-C138	Sheet 87
CP-C143	Sheet 97
CP-C145	Sheet 101

4. Drawing C1P-C165, Sheet 141 of 246; move the callout entitled “End Unit C / Begin Unit C1” from STA 791+90.63 to STA 794+51.63.

5. Drawing C1P-C184, Sheet 179 of 246; at the steel casing callout between Sta 1004+26.73 and Sta 1005+27.09, add the following text:

   “CASING TO BE INSTALLED USING OPEN CUT TRENCH CONSTRUCTION”

6. The welded steel pipe field joints shall be welded for the portion of 30” WSP installed in North River Road and South River Road as indicated below; on the Pipeline Profile, show the callout “Restrained Joints” across the entire width of the profile, and to the callout line, add “STD M049”, on the following Drawings:

   C1P-C184 to C1P-C188: Station 1000+00 to Station 1050.24.44

   C1P-C189 to C1P-C196: Station 1071+08.11 to Station 1157+50

ATTACHMENTS

1. Revised Bid Forms dated 07/11/07.
2. Appendix F NWP Tree Report

End of Addendum 3

CONSTRUCTION OF THE
PIPELINE NORTH
FOR THE
NACIMIENTO WATER PROJECT
CONTRACT NO. 300187.08.03
SPECIFICATION NO. 3

TO: THE BOARD OF SUPERVISORS OF THE SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, STATE OF CALIFORNIA

Pursuant to and in compliance with your Invitation to Bid and Instructions to BIDDERS, the undersigned, as BIDDER, declares that the only person or parties interested in this proposal as principals are those named herein; that this proposal is made without collusion with any other person, firm or corporation; that he/she is aware of the provisions of Section 3700 of the Labor code which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code, and he/she will comply with such provisions before commencing the performance of the WORK of this Agreement; that he/she has carefully examined the location of the proposed WORK, the annexed proposed form of contract, and he/she proposes, and agrees if this proposal is accepted, that he/she will contract with the Board of Supervisors of the San Luis Obispo County Flood Control and Water Conservation District in the form of the copy of the contract annexed hereto, to provide all necessary machinery, tools, apparatus and other equipment needed, and to do all of the WORK and furnish all the materials specified in the contract, in the manner and the time herein prescribed, and that he/she will take in full payment therefore the following lump sum and unit price amounts. The following construction shall be based on the Contract Times specified in Section 00500, "Agreement."

Base Bid for Contract 300187.08.03

Bid Item	Unit ID	Description	Unit	Estimated Quantity	Unit Price	Amount
1	All	Mobilization	LS	1	$1,000,000	$1,000,000
2	- -	Shoring, Sheeting and Bracing for the following Units:				
2a	A	Pipeline (30-Inch)	LS	1	- -	$_____
2b	A1	Pipeline (30-Inch)	LS	1	- -	$_____
2c	C	Pipeline (36-Inch)	LS	1	- -	$_____
2d	C1	Pipeline (36-Inch and 30-inch)	LS	1	- -	$_____
3	All	Environmental Mitigation Costs	LS	1	- -	$_____
4a	All	Installation of Fiber Optic Conduit & Cable System	LS	1	- -	$_____

Bid Item	Unit ID	Description	Unit	Estimated Quantity	Unit Price	Amount
4b	C1	Allowance for Installation of Fiber Optic Conduit & Cable System at 13th Street Bridge in Paso Robles	LS	1	- -	$35,000
5a	A	Pipeline (30-Inch), Welded Steel, Sta. 4+00 to 13+00	LF	900	$_____	$_____
5b	A	Pipeline (30-Inch) Remainder	LF	7,524	$_____	$_____
6	A1	Pipeline (30-Inch)	LF	42,450	$_____	$_____
7	A1	Nacimiento River Crossing (30-Inch)	LS	1	$_____	$_____
8	A1	UXO Clearance on Camp Roberts	LS	1	- -	$_____
9	C	Pipeline (36-Inch)	LF	24,690	$_____	$_____
10	C1	Pipeline (36-Inch)	LF	3,500	$_____	$_____
11	C1	Pipeline (30-Inch)	LF	35,437	$_____	$_____
12	C1	Salinas River Crossing – North (30-Inch)	LS	1	- -	$_____
13	- -	Allowance – Contaminated Soils	LS	1	$150,000	$150,000
14	- -	Allowance – Contaminated Groundwater	LS	1	$50,000	$50,000
15	- -	Allowance - Change in Pipe Alignment or Profile Due to Utility Conflict	LS	1	$500,000	$500,000
16	- -	Subgrade Stabilization in Soft, Unstable Soils	LF	10,000	$_____	$_____
17	- -	All Other Work	LS	1	- -	$_____
18	- -	Allowance for Road Repair/ Restoration on Camp Roberts – West Perimeter Road	LS	1	$375,000	$375,000

Total Bid Price in Figures: _____

Base Bid for Contract 300187.08.03

Total Bid Price in Words: _____

_____

_____

Alternative Pipeline Bid for Contract 300187.08.03

As Described in Specification Section 01011

**For each alternative, select the applicable pricing by circling "ADD" or "DEDUCT".*

ALTERNATIVE A – For providing 36-inch diameter pipe in lieu of 30-inch diameter pipe for Unit A as described in Bid Items 5a and 5b above, based on the requirements specified in Section 01011, the Bid Price Amount in the Base Bid Schedule above shall be increased or decreased by the price listed below:

(ADD) (DEDUCT) * LUMP SUM PRICE of (in words)

_____

($_____)

ALTERNATIVE B – For providing 36-inch diameter pipe in lieu of 30-inch diameter pipe for Unit A1 as described in Bid Item 6 above, based on the requirements specified in Section 01011, the Bid Price Amount in the Base Bid Schedule above shall be increased or decreased by the price listed below:

(ADD) (DEDUCT) * LUMP SUM PRICE of (in words)

_____

($_____)

ALTERNATIVE C – For providing 36-inch HDD crossing of the Nacimiento River in lieu of 30-inch crossing as described in Bid Item 7 above, based on the requirements specified in Section 01011, the Bid Price Amount in the Base Bid Schedule above shall be increased or decreased by the price listed below:

(ADD) (DEDUCT) * LUMP SUM PRICE of (in words)

_____

($_____)

ALTERNATIVE D – For providing 36-inch diameter pipe for Unit C as described in Bid Item 9 above, based on the requirements specified in Section 01011, the Bid Price Amount in the Base Bid Schedule above shall be increased or decreased by the price listed below:

(ADD) **(DEDUCT) *** **LUMP SUM PRICE of (in words)**

_____

($_____)

ALTERNATIVE E – For providing 36-inch diameter pipe for Unit C1 as described in Bid Item 10 above, based on the requirements specified in Section 01011, the Bid Price Amount in the Base Bid Schedule above shall be increased or decreased by the price listed below:

(ADD) **(DEDUCT) *** **LUMP SUM PRICE of (in words)**

_____

($_____)

ALTERNATIVE F – For providing 36-inch diameter pipe for Unit C1 in lieu of 30-inch pipe as described in Bid Item 11 above, based on the requirements specified in Section 01011, the Bid Price Amount in the Base Bid Schedule above shall be increased or decreased by the price listed below:

(ADD) **(DEDUCT) *** **LUMP SUM PRICE of (in words)**

_____

($_____)

ALTERNATIVE G – For providing 36-inch HDD crossing of the Salinas River River (North) in lieu of 30-inch crossing as described in Bid Item 12 above, based on the requirements specified in Section 01011, the Bid Price Amount in the Base Bid Schedule above shall be increased or decreased by the price listed below:

(ADD) **(DEDUCT) *** **LUMP SUM PRICE of (in words)**

_____

($_____)

BIDDER represents that he/she has hereinabove set forth for each Bid item an amount for the item, all in clearly legible figures in the respective spaces provided for that purpose.

BIDDER declares that he/she has read, and agrees to, the provisions of the Contract Documents, including, but not limited to, the General Conditions, Section 00700, and Supplementary General Conditions, Section 00800.

Accompanying this proposal is a Bid Security, as either a payment as described in Article 12 of the Instructions to Bidders, or as a Bid Bond using the form in Section 00410, "Bid Bond". Also accompanying this proposal in the form presented herein, is a "List of Subcontractors"

This Bid may be withdrawn, in writing, prior to the time fixed in the Invitation to Bid for the opening of Bids. It is understood and agreed that this Bid will not be withdrawn after the time fixed in the Notice to Bidders for the opening of Bids. BIDDER further agrees that the failure of the DISTRICT to open Bids for this Project exactly at the time fixed in said Invitation to Bid shall not extend the time within which Bids may be withdrawn.

All Bids shall remain subject to acceptance by the DISTRICT for a minimum of 60 Days from the opening of the Bids. In the event the lowest responsive, responsible BIDDER refuses or fails to execute the Agreement, then all Bids shall be subject to acceptance within the time requirements for Article 22, Award of Contract, specified in the Instruction to Bidders – Section 00100.

The undersigned BIDDER will sign and deliver to the San Luis Obispo County Flood Control and Water Conservation District the written Agreement, together with the certificates and Bonds described in the Contract Documents, within fifteen (15) calendar Days after the undersigned has received Notice that the contract has been awarded to him/her.

A BIDDER must submit a Bid Security accompanying this Bid in one of the following forms: cash, Bond, cashier's check, or certified check. The proceeds thereof shall become the property of the San Luis Obispo County Flood Control and Water Conservation District if the Bid is withdrawn after the time fixed in the Invitation to Bid and Instructions to BIDDERS for opening of Bids, or if the BIDDER shall fail within fifteen (15) Days after receiving a Notice of Award to execute a contract with the DISTRICT and furnish all certificates and Bonds required by the Instructions to Bidders and said Board of Supervisors.

ADDENDA – The undersigned acknowledges and confirms the receipt of Addenda Nos.,

Addenda Number	Date

and agrees that said addenda are covered in the Bid and shall form a part of the Contract Documents.

IMPORTANT NOTICE

If BIDDER or other interested person is a corporation, state legal name of corporation, also names of the president, secretary, treasurer, and manager thereof; if a partnership, state true name of firm, also names of all individual co-partners composing firm; if BIDDER or other interested person is an individual, state first and last names in full.

_____

_____

BIDDER warrants and represents that he/she is licensed in accordance with an Act provided for the registration of Contractors, License No. _____, Class _____, License Expiration Date _____. (Note: The successful BIDDER must possess the license classification specified in the Invitation to Bid and Instructions to Bidders).

Name of BIDDER _____

Signature of BIDDER _____

Printed Name and Title _____

Business Address _____

Telephone Number _____

Date _____

NOTICE: If BIDDER is a corporation, the legal name of the corporation shall be set forth above together with the signature of the officer or officers authorized to sign contract in behalf of the corporation; if BIDDER is a partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership; and if the BIDDER is an individual, his signature shall be placed above; if BIDDER is a joint venture, the true name of the joint venture shall be set forth above together with the signature of the authorized agent of the joint venture. If signature is by an agent, other than an officer of a corporation or a member of a partnership, or a principal of a joint venture, a Power of Attorney must be on file with the DISTRICT prior to opening of Bids or submitted with the Bid; otherwise, the Bid will be disregarded as irregular and unauthorized.

PLEASE RETURN THIS FORM WITH YOUR BID PROPOSAL

<< End of Section 00400>>

Cannon ASSOCIATES
ENGINEERS
PLANNERS
SURVEYORS

6 July, 2007

To: Steven N. Foellmi, P.E.
Vice President/Project Director
Black and Veatch,
15615 Alton Parkway, Suite 300
Irvine, CA 92618

Subject: Nacimiento Water Pipeline – Tree Location Station and Offset Report

Dear Steve:

I have attached the Station and Offset Report for Tree Locations as requested to be included in distribution of Final Addendum. The report stationing is based on the Black and Veatch Project Drawings dated 25 April, 2007.

The reports have been prepared in the following Unit Segment order:

North Units A, A1, C, C1

Central Units D, E, F, T2, T4, T6

South Units, G, G1, H1, T11

If you have any questions, please call me at (805) 544-7407.

Sincerely,

Lester E. Carter Jr.
Director of Surveys

LEC/jj

364 Pacific Street
San Luis Obispo, CA 93401
Tel: 805-544-7407
Fax: 805-544-3863

NACIMIENTO WATER PIPELINE TREE LOCATION REPORT:
NORTH - ALIGNMENT A-C-HALN01

The stationing shown below is based on the electronic files for the above referenced alignment provided by Boyle Engineering in July of 2007. Stationing begins at station 0+00. Plan stationing corresponding to Black and Veatch Project Drawings dated 25 April, 2007 may vary. To obtain plan stationing, apply station equations. Coordinates for individual tree locations were determined using direct and offset RTK methods. The observed nominal positional accuracy of the station and out values is +/- 0.7'.

Station	Offset	Description	Point #	Northing	Easting
010+ 79.5	24.4	24" OAK	11262	2475876.26	5706226.07
010+ 95.6	-12.1	18" OAK	11261	2475914.24	5706238.33
011+ 42.5	-9.4	30" OAK	11260	2475916.26	5706285.27
020+ 11.7	-16.7	48" OAK	11263	2475519.50	5706983.80
023+ 37.3	-18.0	24" OAK	11265	2475416.67	5707294.94
024+ 94.0	20.3	42" OAK	11264	2475320.37	5707424.77
045+ 86.6	21.9	42" OAK	11266	2474857.37	5709426.03
053+ 74.1	8.7	24" OAK	11267	2474427.88	5710084.02
055+ 12.8	19.1	24" OAK	11268	2474366.56	5710210.29
113+ 03.8	8.3	26" OAK	51260	2475858.85	5714841.73
113+ 87.6	-12.3	24" OAK	51259	2475941.34	5714866.82
138+ 30.0	-24.4	30" OAK	51263	2476263.60	5716976.55
138+ 80.7	11.8	24" OAK	51262	2476204.81	5716996.16
143+ 75.6	23.2	2x24" OAK	51267	2475940.04	5717395.01
144+ 22.8	-15.6	24" OAK	51266	2475926.21	5717454.58
146+ 37.2	-24.9	12" OAK	51268	2475741.35	5717573.74
146+ 90.8	7.2	12" OAK	51269	2475679.67	5717559.66
147+ 12.6	9.7	12" OAK	51270	2475657.94	5717563.60
147+ 81.6	18.9	20" OAK	51272	2475588.54	5717581.82
148+ 29.9	-23.5	30" OAK	51271	2475567.61	5717642.31
150+ 57.2	17.5	18" OAK	51273	2475379.27	5717766.05
150+ 75.4	17.5	18" OAK	51274	2475366.04	5717778.06
151+ 38.0	14.0	22" OAK	51275	2475321.90	5717822.58
164+ 56.4	-23.7	22" OAK	51276	2474441.01	5718800.61
165+ 12.0	-23.2	24" OAK	51277	2474394.02	5718830.18
165+ 22.2	-24.0	18" OAK	51278	2474385.85	5718836.32
165+ 66.8	35.4	40" OAK	51279	2474316.18	5718810.40
166+ 11.1	-26.7	20" OAK	51282	2474312.47	5718886.63
166+ 14.5	39.5	30" OAK	51280	2474273.81	5718832.78
166+ 50.4	-37.2	18" OAK	51281	2474284.59	5718916.87
167+ 06.8	-27.5	2x18" OAK	51283	2474228.90	5718937.73
167+ 27.4	-25.6	18" OAK	51284	2474209.12	5718945.75
173+ 94.6	25.5	72" OAK	51293	2473601.59	5719217.69
176+ 57.5	-32.7	50" OAK	51288	2473386.45	5719379.69
179+ 86.8	-34.0	4x18" OAK	51295	2473087.37	5719517.48
180+ 54.3	42.7	20" OAK	51296	2472994.15	5719475.71
193+ 63.8	26.4	60" OAK	51297	2471914.03	5720215.68
201+ 87.6	23.5	48" OAK	51298	2471475.24	5720885.81
208+ 47.5	23.7	3x18" OAK, 48" OAK	51299	2471444.17	5721544.57
218+ 65.6	23.9	36" OAK	51300	2471531.68	5722554.79
230+ 73.9	-49.1	78" OAK	51301	2471529.02	5723751.51
237+ 09.2	39.3	40" OAK	51302	2471473.81	5724387.59
252+ 74.5	30.2	48" OAK	51303	2472443.13	5725568.23
253+ 33.8	29.6	42" OAK	51304	2472448.48	5725624.78
306+ 95.0	16.8	28" OAK	51315	2469416.85	5727973.70

NACIMIENTO WATER PIPELINE TREE LOCATION REPORT:
NORTH - ALIGNMENT A-C-HALN01

The stationing shown below is based on the electronic files for the above referenced alignment provided by Boyle Engineering in July of 2007. Stationing begins at station 0+00. Plan stationing corresponding to Black and Veatch Project Drawings dated 25 April, 2007 may vary. To obtain plan stationing, apply station equations. Coordinates for individual tree locations were determined using direct and offset RTK methods. The observed nominal positional accuracy of the station and out values is +/- 0.7'.

Station	Offset	Description	Point #	Northing	Easting
307+ 29.2	19.1	18" OAK	51316	2469384.23	5727985.82
331+ 07.1	-24.7	36" OAK	51317	2467208.46	5728415.43
359+ 41.5	23.7	24" OAK	51318	2464727.63	5729621.41
378+ 10.5	-4.9	48" OAK	51319	2462978.66	5730229.90
392+ 22.7	11.2	24" OAK	51322	2461842.13	5731050.31
394+ 20.4	14.2	30" OAK	51323	2461674.54	5731146.79
396+ 34.4	9.9	2x14" OAK	51324	2461484.88	5731245.98
399+ 62.9	15.2	30" OAK	51325	2461197.71	5731410.31
404+ 92.3	2.6	30" OAK	51326	2460817.75	5731779.35
409+ 84.8	-1.3	40" OAK	51327	2460411.19	5732056.90
410+ 34.6	10.9	30" OAK	51328	2460363.31	5732076.41
422+ 03.9	5.5	24" OAK	51330	2459762.74	5733056.20
422+ 15.1	7.6	18" OAK	51329	2459754.07	5733063.60
428+ 44.6	5.8	20" OAK	51331	2459477.99	5733612.30
429+ 27.1	20.5	12" OAK	51336	2459453.42	5733690.62
429+ 34.5	2.5	14" OAK	51332	2459469.49	5733701.42
429+ 37.1	22.6	14" OAK	51337	2459449.40	5733699.21
429+ 40.0	23.9	14" OAK	51338	2459447.49	5733701.45
429+ 67.0	9.2	2x14" OAK	51333	2459454.23	5733730.13
429+ 75.9	20.8	16" OAK	51334	2459440.37	5733734.06
430+ 09.7	17.5	18" OAK	51335	2459430.43	5733764.26
434+ 44.0	12.2	14" OAK	51339	2459158.14	5734096.54
434+ 85.3	4.0	14" OAK	51340	2459136.84	5734132.88
435+ 38.2	18.1	14" OAK	51341	2459091.19	5734163.07
448+ 01.7	30.4	24" OAK	51342	2458448.57	5735247.76
448+ 19.9	14.0	14" OAK	51343	2458456.12	5735271.10
489+ 47.0	17.1	24" OAK	51344	2456554.50	5738542.55
489+ 87.6	18.7	18" OAK	51345	2456546.18	5738564.50
490+ 25.6	13.5	14" OAK	51346	2456524.08	5738564.64
498+ 63.0	-29.4	2x20" OAK	51347	2455699.38	5738432.61

NACIMIENTO WATER PIPELINE TREE LOCATION REPORT:
NORTH - ALIGNMENT C-C-HALN01

The stationing shown below is based on the electronic files for the above referenced alignment provided by Boyle Engineering in July of 2007. Stationing begins at station 560+00. Plan stationing corresponding to Black and Veatch Project Drawings dated 25 April, 2007 may vary. To obtain plan stationing, apply station equations. Coordinates for individual tree locations were determined using direct and offset RTK methods. The observed nominal positional accuracy of the station and out values is +/- 0.7'.

Station	Offset	Description	Point #	Northing	Easting
0599+ 52.0	21.2	30' OAK	51752	2453938.37	5745951.65
0599+ 56.5	-16.8	12' OAK	51755	2453965.83	5745978.27
0599+ 57.3	-18.7	14' OAK	51756	2453966.82	5745979.99
0599+ 64.3	-21.7	16' OAK	51754	2453964.96	5745987.43
0599+ 83.4	-10.8	16' OAK	51753	2453944.72	5745996.03
0603+ 65.7	-13.6	16' OAK	51751	2453715.22	5746301.75
0603+ 68.4	-14.2	16' OAK	51750	2453714.07	5746304.26
0604+ 98.3	12.7	14' OAK	51749	2453652.31	5746413.28
0605+ 30.2	6.5	14' OAK	51748	2453657.39	5746445.40
0606+ 50.4	-48.9	24' OAK	51745	2453708.53	5746567.40
0606+ 52.2	-31.1	16' OAK	51744	2453690.60	5746568.62
0606+ 66.4	5.7	20' OAK	51746	2453653.36	5746581.51
0606+ 98.5	-51.6	26' OAK	51742	2453709.49	5746615.57
0607+ 07.4	19.1	2x14' OAK	51747	2453638.52	5746622.03
0607+ 16.1	-42.1	24' OAK	51741	2453699.39	5746632.84
0607+ 39.8	18.7	22' OAK	51743	2453637.76	5746654.36
0607+ 64.5	-24.4	40' OAK	51739	2453680.04	5746680.59
0607+ 67.5	25.0	20' OAK	51740	2453630.51	5746681.82
0608+ 83.4	-33.4	24' OAK	51738	2453684.87	5746799.75
0613+ 40.3	-22.7	54' OAK	51737	2453658.09	5747256.00
0613+ 67.8	20.3	48' OAK	51736	2453614.12	5747281.99
0614+ 15.0	16.7	22' OAK	51735	2453616.09	5747329.25
0616+ 89.1	23.3	32' OAK	51734	2453599.91	5747602.93
0618+ 76.0	-17.3	20' OAK	51733	2453633.91	5747791.18
0639+ 86.1	-16.7	26' OAK	51732	2453545.04	5749899.52
0724+ 33.7	-14.5	18' OAK	51731	2451948.99	5756190.08
0724+ 66.0	-17.6	16' OAK	51730	2451950.77	5756222.53
0724+ 83.2	-20.5	18' OAK	51729	2451952.97	5756239.82
0724+ 98.1	-19.9	14' OAK	51728	2451951.70	5756254.67
0725+ 03.4	-21.7	18' OAK	51727	2451953.35	5756259.99
0739+ 37.7	39.7	24' OAK	51726	2450596.10	5756319.25
0739+ 77.9	15.1	32' OAK	51724	2450589.33	5756381.20
0739+ 86.7	-9.0	24' OAK	51725	2450612.55	5756392.05
0740+ 14.1	15.4	20' OAK	51723	2450585.87	5756417.29
0740+ 86.0	12.5	28' OAK	51722	2450582.57	5756489.11
0741+ 51.3	-15.6	26' OAK	51721	2450604.97	5756556.67
0742+ 59.2	-14.0	16' OAK	51720	2450594.06	5756664.01
0742+ 75.2	-31.7	28' OAK	51719	2450610.36	5756681.50
0747+ 08.1	12.4	32' OAK	51718	2450532.56	5757109.39
0770+ 77.9	17.7	3x14' OAK	51717	2450387.30	5759474.74
0770+ 87.1	16.2	30' OAK	51716	2450388.33	5759484.02
0780+ 26.5	-17.4	46' OAK	51715	2450376.19	5760423.84
0791+ 17.8	-19.8	14' OAK	51714	2450317.23	5761513.50
0791+ 45.5	-19.8	14' OAK	51713	2450315.64	5761541.10
0791+ 56.0	-20.3	16' OAK	51712	2450315.56	5761551.64

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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

NACIMIENTO WATER PIPELINE TREE LOCATION REPORT:
NORTH - ALIGNMENT C-C-HALN01

0791+ 89.4	-24.2	30' OAK	51711	2450317.62	5761585.15
0792+ 35.1	-22.4	12' OAK	51710	2450313.36	5761630.67
0792+ 52.7	-23.2	26' OAK	51709	2450313.10	5761648.37
0792+ 59.4	-23.8	14' OAK	51708	2450313.41	5761655.10
0792+ 66.2	-23.8	22' OAK	51707	2450312.98	5761661.82
0793+ 27.5	-19.9	32' OAK	51706	2450306.31	5761722.58
0805+ 73.8	26.2	40' OAK	51705	2449106.61	5761711.97
0983+ 52.5	10.2	36' OAK	51802	2432951.77	5764207.19
0983+ 58.4	11.4	24' OAK	51801	2432945.71	5764206.94
0987+ 31.2	26.0	36' OAK	51803	2432577.97	5764284.32
0989+ 29.4	21.0	48' OAK	51800	2432395.97	5764370.84
0992+ 26.8	17.7	24' OAK	51798	2432127.57	5764487.52
0992+ 32.4	18.7	24' OAK	51799	2432121.86	5764488.12
0993+ 55.0	22.6	24' OAK	51797	2432002.58	5764516.63
0997+ 50.0	30.4	24' OAK	51795	2431621.45	5764625.21
0997+ 58.6	36.3	36' OAK	51796	2431611.39	5764622.22
0998+ 43.6	30.3	48' OAK	51794	2431521.95	5764660.77
1005+ 95.5	21.2	36' OAK	51793	2430805.55	5764748.49
1012+ 35.3	39.3	2x36' OAK	51792	2430174.72	5764876.27
1013+ 53.5	32.1	42' OAK	51791	2430065.59	5764919.00
1020+ 84.5	23.2	36' & 24' OAK	51790	2429366.06	5764953.98
1027+ 45.2	-36.8	16' OAK	51789	2428719.10	5764815.62
1031+ 81.7	16.4	20' OAK	51788	2428297.18	5764708.75
1082+ 66.6	9.9	18' OAK	51785	2423926.15	5765086.53
1083+ 65.4	8.5	36' OAK	51786	2423828.99	5765086.26
1086+ 49.6	38.6	48' OAK	51787	2423562.17	5765031.41
1098+ 60.6	-41.1	36' OAK	51783	2422363.84	5765147.74
1099+ 81.9	-24.3	42' OAK	51784	2422245.43	5765142.84
1110+ 66.5	-34.7	42' PINE	51782	2421330.53	5765330.33
1133+ 70.8	-20.7	48' OAK	51781	2419185.61	5764871.01
1135+ 07.8	-22.3	60' OAK	51780	2419052.67	5764837.84
1147+ 12.4	-39.1	78' OAK	51779	2417883.13	5764548.81
1151+ 71.3	-38.3	60' OAK	51765	2417439.43	5764433.68
1152+ 84.0	-19.6	24' OAK	51764	2417334.57	5764388.42
1153+ 90.6	-25.9	20' OAK	51763	2417229.54	5764368.83
1154+ 71.5	-12.0	30' OAK	51762	2417154.43	5764335.91
1161+ 20.4	-22.9	30' OAK	51778	2416522.96	5764246.26
1162+ 71.8	-18.2	3x12' OAK	51777	2416373.87	5764265.02
1165+ 18.2	-26.5	24' OAK	51769	2416130.30	5764308.16
1165+ 22.2	-35.2	24' OAK	51776	2416127.38	5764317.30
1165+ 34.9	-30.4	18' OAK	51770	2416114.17	5764314.08
1165+ 38.7	-31.4	22' OAK	51771	2416110.52	5764315.52
1165+ 43.5	-32.4	18' OAK	51772	2416105.87	5764317.12
1165+ 53.4	-34.6	24' OAK	51773	2416096.28	5764320.57
1165+ 71.8	-38.9	24' OAK	51774	2416078.58	5764327.03
1165+ 84.5	-27.1	24' OAK	51759	2416064.50	5764316.86
1165+ 90.4	-43.1	24' OAK	51775	2416060.64	5764333.47
1175+ 75.9	-17.7	18' OAK	51757	2415075.46	5764397.77
1176+ 02.0	-7.6	18' OAK	51758	2415048.65	5764389.49

NACIMIENTO WATER PIPELINE TREE LOCATION REPORT: CENTRAL - ALIGNMENT DEF-C-HALN01

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Station	Offset	Description	Point #	Northing	Easting
1216+ 13.0	-82.3	42"OAK	8363	2409187.95	5764281.59
1216+ 52.4	-83.7	48"OAK	8364	2409148.56	5764283.03
1291+ 47.1	-22.6	28" OAK	51663	2403263.22	5763267.94
1291+ 87.3	3.6	14" OAK	51664	2403257.41	5763220.29
1297+ 28.3	11.3	2x18" OAK	51662	2402886.72	5762832.19
1298+ 99.3	30.2	14" OAK	51661	2402802.07	5762707.30
1299+ 12.2	-7.7	54" OAK	51660	2402762.13	5762707.96
1299+ 99.8	3.1	20" OAK	51659	2402737.64	5762623.45
1300+ 25.3	2.5	30" OAK	51658	2402724.50	5762601.46
1302+ 62.9	10.2	14" OAK	51657	2402519.71	5762498.95
1303+ 24.9	-19.7	72" OAK	51656	2402453.52	5762519.71
1304+ 81.6	13.1	36" OAK	51655	2402305.48	5762459.67
1304+ 88.2	-27.3	2x34" OAK	51654	2402290.41	5762497.73
1305+ 47.4	7.5	20" OAK	51653	2402240.70	5762449.67
1310+ 79.9	8.2	22" OAK	51652	2401725.23	5762315.48
1315+ 88.5	9.2	40" OAK	51651	2401356.82	5761998.06
1317+ 39.5	14.7	30" OAK	51650	2401203.31	5762000.88
1317+ 68.8	11.6	20" OAK	51649	2401175.40	5762005.77
1317+ 73.6	11.0	30" OAK	51648	2401170.60	5762006.59
1317+ 81.5	9.9	24" OAK	51647	2401162.76	5762007.96
1317+ 83.6	9.5	16" OAK	51646	2401160.75	5762008.45
1319+ 17.6	2.8	40" OAK	51645	2401027.14	5762016.02
1321+ 76.1	22.8	30" OAK	51644	2400772.08	5761972.05
1322+ 31.6	12.1	40" OAK	51643	2400715.78	5761977.33
1322+ 56.4	10.7	20" OAK	51642	2400690.97	5761976.36
1322+ 66.6	17.5	4x14" OAK	51641	2400681.47	5761968.58
1323+ 29.8	15.9	40" OAK	51640	2400618.42	5761964.10
1324+ 08.2	27.1	42" OAK	51639	2400537.24	5761948.59
1331+ 17.3	28.0	24" OAK	51634	2399901.72	5761709.02
1331+ 45.1	27.2	30" OAK	51635	2399874.05	5761706.59
1331+ 49.9	16.9	12" OAK	51636	2399868.00	5761716.17
1332+ 66.9	13.0	12" OAK	51630	2399751.82	5761706.08
1332+ 75.1	14.5	18" OAK	51631	2399744.18	5761703.36
1332+ 91.4	17.1	18" OAK	51632	2399729.13	5761698.01
1333+ 34.7	29.0	36" OAK	51633	2399691.78	5761676.65
1333+ 82.9	-28.9	48" OAK	51629	2399628.86	5761717.37
1333+ 83.5	34.6	18" OAK	51628	2399647.89	5761656.77
1333+ 98.6	30.6	24" & 12" OAK	51627	2399632.33	5761655.93
1334+ 70.6	-46.2	40" OAK	51666	2399540.10	5761706.63
1335+ 19.7	-45.7	20" OAK	51667	2399492.76	5761690.62
1335+ 31.1	37.4	60" OAK	51682	2399509.57	5761608.40
1335+ 69.4	37.4	24" OAK	51681	2399475.12	5761595.32
1335+ 90.3	-40.2	72" OAK	51668	2399426.14	5761659.01
1335+ 99.5	33.6	16" OAK	51680	2399446.87	5761587.59

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NACIMIENTO WATER PIPELINE TREE LOCATION REPORT: CENTRAL - ALIGNMENT DEF-C-HALN01

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Station	Offset	Description	Point #	Northing	Easting
1336+ 53.3	-29.5	26" OAK	51670	2399371.45	5761621.79
1336+ 54.1	-38.0	26" OAK	51669	2399366.87	5761629.07
1337+ 24.1	19.5	2x20" OAK	51679	2399332.61	5761544.72
1337+ 44.4	-43.4	32" OAK	51671	2399282.40	5761587.72
1337+ 69.3	10.3	34" OAK	51678	2399290.03	5761528.82
1337+ 69.7	-30.5	20" OAK	51672	2399267.32	5761562.69
1337+ 92.6	-36.9	50" OAK	51673	2399244.49	5761555.20
1339+ 23.8	-57.5	50" OAK	51674	2399123.98	5761499.38
1339+ 43.9	18.0	14" OAK	51677	2399149.29	5761425.41
1339+ 56.8	-22.3	48" OAK	51675	2399116.14	5761451.79
1339+ 64.2	42.6	54" OAK	51676	2399146.04	5761393.64
1350+ 39.3	16.5	48" OAK	51624	2398153.97	5761004.40
1350+ 97.2	-37.8	30" OAK	51623	2398096.09	5761060.47
1358+ 16.7	30.7	72" CLUSTER OAK	51622	2397524.25	5760622.48
1363+ 36.2	31.8	30" OAK	51621	2397265.36	5760179.88
1365+ 19.0	25.6	30" OAK	51620	2397144.01	5760036.33
1365+ 19.0	25.6	30" OAK	51619	2397144.01	5760036.33
1366+ 05.6	13.1	20" OAK	51618	2397074.28	5759982.98
1367+ 01.2	13.6	24" OAK	51617	2397012.30	5759912.07
1367+ 27.1	-40.4	4x14" OAK	51616	2396953.54	5759924.07
1368+ 01.7	-20.7	2x20" OAK	51615	2396926.26	5759849.34
1368+ 33.9	30.4	18" & 36" OAK	51613	2396953.51	5759795.63
1369+ 20.0	-40.0	48" OAK	51614	2396851.62	5759751.13
1369+ 56.0	13.0	18" OAK	51612	2396884.43	5759696.07
1369+ 64.1	25.4	2x12" & 36" OAK	51611	2396892.25	5759683.51
1370+ 13.7	16.1	18" OAK	51610	2396864.31	5759642.71
1370+ 65.8	21.7	36" OAK	51609	2396850.70	5759592.48
1372+ 72.7	13.9	3x16" OAK	51608	2396768.90	5759402.26
1374+ 02.8	18.5	48" OAK	51607	2396726.33	5759279.18
1375+ 20.5	-25.0	20" OAK	51606	2396643.38	5759185.04
1377+ 69.0	18.7	42" OAK	51605	2396553.23	5758951.71
1378+ 22.8	31.1	20" OAK	51604	2396519.64	5758904.72
1379+ 40.5	34.9	24" & 30" OAK	51603	2396422.13	5758830.69
1380+ 35.3	25.4	2x18" OAK	51602	2396334.90	5758791.21
1385+ 26.1	16.9	30" OAK	51601	2395931.67	5758512.09
1385+ 74.1	37.3	60" OAK	51599	2395892.11	5758474.56
1385+ 75.6	-42.9	30" OAK	51600	2395864.99	5758550.08
1565+ 93.6	16.4	30" OAK	8248	2385876.72	5769638.36
1644+ 68.4	23.8	54" OAK	51571	2379973.94	5772481.95
1656+ 61.7	-24.4	4x20" OAK	51569	2379047.96	5773236.21
1666+ 16.3	17.8	48" OAK	51568	2378189.11	5773652.25
1685+ 00.4	35.6	60" OAK	51567	2376461.07	5774392.48
1692+ 58.9	43.0	40" OAK	51566	2375737.53	5774661.71
1694+ 39.8	29.0	36" OAK	51565	2375611.55	5774796.10

Cannon ASSOCIATES

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

NACIMIENTO WATER PIPELINE TREE LOCATION REPORT: CENTRAL - ALIGNMENT DEF-C-HALN01

The stationing shown below is based on the electronic files for the above referenced alignment provided by Boyle Engineering in July of 2007. Stationing begins at station 1157+00. Plan stationing corresponding to Black and Veatch Project Drawings dated 25 April, 2007 may vary. To obtain plan stationing, apply station equations. Coordinates for individual tree locations were determined using direct and offset RTK methods. The observed nominal positional accuracy of the station and out values is +/- 0.7'.

Station	Offset	Description	Point #	Northing	Easting
1702+ 18.5	33.9	32" OAK	51563	2375285.24	5775509.89
1703+ 08.8	-21.8	24" OAK	51562	2375315.54	5775611.01
1711+ 50.0	-22.6	52" OAK	51561	2374719.31	5776207.05
1719+ 85.5	21.6	48" OAK	51560	2374099.11	5776752.60
1722+ 40.1	23.4	40" OAK	51559	2373988.75	5776981.66
1730+ 28.8	22.2	54" OAK	51558	2373652.91	5777694.57
1732+ 58.5	-11.5	34" OAK	51557	2373501.73	5777850.03
1736+ 37.6	-16.6	46" OAK	51556	2373156.44	5778004.93
1756+ 83.3	24.7	2x20" OAK	51590	2371502.37	5779017.15
1756+ 98.8	-32.4	36" OAK	51589	2371560.24	5779029.44
1757+ 34.1	-15.0	2x8" OAK	51588	2371544.39	5779066.50
1757+ 64.4	-19.1	2x14" OAK	51587	2371548.51	5779096.70
1757+ 83.6	-18.8	32" OAK	51586	2371548.32	5779115.94
1758+ 16.5	-17.7	26" OAK	51585	2371547.28	5779148.80
1759+ 13.1	-31.2	2x20" OAK	51584	2371561.68	5779245.03
1759+ 31.9	-24.6	18" OAK	51583	2371555.34	5779263.90
1759+ 39.4	-22.0	20" OAK	51582	2371552.78	5779271.51
1759+ 60.9	-24.5	36" OAK	51581	2371555.63	5779292.96
1760+ 18.4	-23.5	18" OAK	51580	2371553.56	5779352.38
1760+ 21.0	-22.1	16" OAK	51579	2371551.93	5779354.99
1760+ 26.1	-22.7	12" OAK	51578	2371552.16	5779360.44
1760+ 30.9	-22.8	26" OAK	51577	2371551.79	5779365.44
1762+ 74.8	-15.4	22" OAK	51574	2371436.89	5779588.20
1763+ 00.1	-31.2	16" OAK	51576	2371434.47	5779618.01
1764+ 11.6	-22.2	16" OAK	51575	2371360.79	5779702.19
1764+ 12.3	-21.2	18" OAK	51552	2371359.60	5779702.06
1776+ 19.2	-17.0	18" OAK	51550	2370578.09	5780607.25
1776+ 21.0	-23.6	18" OAK	51551	2370579.68	5780613.86
1777+ 63.1	-10.0	22" OAK	51549	2370435.05	5780646.44
1777+ 66.0	-13.3	22" OAK	51548	2370432.35	5780650.00
1777+ 83.5	-19.1	16" OAK	51547	2370414.05	5780656.52
1778+ 12.0	-18.2	32" OAK	51546	2370383.92	5780654.49
1778+ 87.3	-23.3	24" OAK	51545	2370305.17	5780643.21
1778+ 95.7	-5.0	14" OAK	51544	2370302.45	5780623.34
1779+ 06.7	-21.6	26" OAK	51543	2370287.09	5780636.05
1779+ 79.5	-15.0	3x14" OAK	51542	2370220.84	5780614.91
1780+ 52.6	19.7	24" OAK	51541	2370148.78	5780579.91
1781+ 19.3	-16.3	30" OAK	51540	2370082.99	5780617.53
1784+ 36.6	-7.5	36" PINE	51539	2369765.36	5780621.50
1784+ 39.9	-16.7	42" PINE	8372	2369761.49	5780630.54
1784+ 52.9	-17.9	15" OAK	8373	2369747.71	5780630.77
1785+ 51.0	-11.3	22" OAK	51538	2369650.29	5780605.90
1785+ 53.7	-12.3	18" OAK	8374	2369647.48	5780606.24
1785+ 85.7	71.4	10" PINE	8375	2369554.73	5780597.13

Cannon ASSOCIATES

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

NACIMIENTO WATER PIPELINE TREE LOCATION REPORT:
SOUTH - ALIGNMENT G1-C-HALN01

The stationing shown below is based on the electronic files for the above referenced alignment provided by Boyle Engineering in July of 2007. Stationing begins at station 2150+00. Plan stationing corresponding to Black and Veatch Project Drawings dated 25 April, 2007 may vary. To obtain plan stationing, apply station equations. Coordinates for individual tree locations were determined using direct and offset RTK methods. The observed nominal positional accuracy of the station and out values is +/- 0.7'.

Station	Offset	Description	Point #	Northing	Easting
2229+ 75.6	58.9	36" OAK	51451	2334173.58	5776283.82
2230+ 06.1	-36.4	48" OAK	51450	2334081.23	5776322.46
2230+ 88.7	-7.2	30" OAK	51448	2334049.46	5776241.69
2231+ 20.7	-17.0	18" OAK	51449	2334020.15	5776227.24
2231+ 47.5	-2.6	4x12" OAK	51447	2334009.38	5776199.34
2231+ 58.6	-9.8	1x12" OAK	51446	2333996.30	5776198.36
2232+ 12.2	-25.9	1x12", 1x24" OAK	51445	2333944.48	5776183.44
2232+ 53.4	-28.2	2x18" OAK	51444	2333909.05	5776167.71
2232+ 62.9	-23.7	36" OAK	51443	2333902.65	5776159.99
2232+ 91.7	-27.0	18" OAK	51442	2333875.78	5776152.77
2232+ 98.7	-30.7	18" OAK	51441	2333867.93	5776153.64
2235+ 94.3	-10.3	24" OAK	51440	2333621.25	5775985.20
2239+ 02.2	22.2	2x12", 1x18" OAK	51439	2333426.28	5775747.15
2239+ 15.6	21.5	30" OAK	51438	2333415.02	5775739.86
2249+ 48.0	-7.5	36" PINE	10505	2332566.75	5775152.35
2249+ 54.1	13.3	18" PINE	10506	2332574.86	5775132.29
2249+ 54.8	22.2	18" PINE	10507	2332579.79	5775124.81
2256+ 15.3	-5.4	24"OAK	51429	2332458.62	5774601.61
2256+ 17.8	48.2	40" OAK	51431	2332510.53	5774615.01
2256+ 27.2	26.1	1x12", 1x24" OAK	51430	2332492.15	5774599.56
2264+ 31.8	-26.6	2x18" OAK	51428	2331771.46	5774218.08
2270+ 11.3	-45.4	48" OAK	10360	2331250.95	5774106.80
2270+ 31.1	1.0	2x16" OAK	51434	2331225.42	5774063.38
2270+ 31.4	-22.0	24" OAK	51433	2331228.08	5774086.23
2270+ 86.7	-21.3	1x18, 1x42" OAK	51432	2331173.09	5774092.55
2270+ 90.0	-15.7	1x24"& 1x48" OAK CLUSTER	10363	2331169.10	5774087.44
2274+ 53.7	16.9	26" OAK	51458	2330804.29	5774101.43
2274+ 60.0	-6.7	30" OAK	51459	2330801.00	5774125.55
2274+ 69.3	5.2	14" OAK	51460	2330790.28	5774114.97
2274+ 74.8	8.8	18" OAK	51462	2330784.37	5774112.06
2274+ 83.4	3.1	24" OAK	51461	2330776.53	5774118.91
2274+ 87.3	17.1	16" OAK	51463	2330770.94	5774105.43
2275+ 29.6	16.6	18" OAK	51467	2330729.02	5774111.38
2275+ 69.3	4.0	12" OAK	51469	2330691.24	5774128.91
2275+ 70.5	7.8	18" OAK	51468	2330689.52	5774125.33
2276+ 05.6	-0.9	3x14" OAK	51470	2330655.90	5774138.36
2276+ 49.5	-3.4	14" OAK	51471	2330612.67	5774146.47
2276+ 51.9	-10.5	12" OAK	51472	2330611.15	5774153.84
2277+ 45.9	-25.6	1x18", 1x12" OAK	51474	2330521.08	5774181.10
2277+ 48.9	3.6	12" OAK	51476	2330513.08	5774152.93
2277+ 50.9	-28.7	14" OAK	51475	2330517.00	5774185.04
2278+ 19.6	28.5	12" OAK	51479	2330436.28	5774146.99
2278+ 54.8	18.5	12" OAK	51478	2330405.26	5774169.19
2278+ 84.4	14.3	12" OAK	51481	2330379.07	5774185.56

NACIMIENTO WATER PIPELINE TREE LOCATION REPORT:
SOUTH - ALIGNMENT G1-C-HALN01

The stationing shown below is based on the electronic files for the above referenced alignment provided by Boyle Engineering in July of 2007. Stationing begins at station 2150+00. Plan stationing corresponding to Black and Veatch Project Drawings dated 25 April, 2007 may vary. To obtain plan stationing, apply station equations. Coordinates for individual tree locations were determined using direct and offset RTK methods. The observed nominal positional accuracy of the station and out values is +/- 0.7'.

Station	Offset	Description	Point #	Northing	Easting
2278+ 86.4	10.4	12" OAK	51480	2330378.89	5774189.94
2279+ 17.1	17.2	14" OAK	51484	2330348.08	5774198.47
2279+ 17.2	18.7	14" OAK	51483	2330347.31	5774197.17
2280+ 99.5	18.1	18" OAK	51486	2330194.51	5774298.98
2281+ 53.3	-13.2	24" OAK	51488	2330166.17	5774354.49
2281+ 54.8	-7.6	18" OAK	51487	2330161.92	5774350.54
2281+ 74.7	-14.6	12" OAK	51490	2330147.97	5774366.95
2281+ 77.7	-14.7	12" OAK	51491	2330145.41	5774368.57
2281+ 88.0	24.4	12" OAK	51489	2330117.21	5774339.52
2282+ 56.3	17.8	12" OAK	51494	2330061.19	5774378.66
2282+ 60.1	-8.1	12" OAK	51493	2330070.16	5774403.18
2283+ 74.3	-9.3	12" OAK	51497	2329973.40	5774461.53
2283+ 87.3	23.3	14" OAK	51499	2329943.91	5774442.44
2283+ 92.4	-8.7	2x12" OAK	51498	2329958.19	5774471.52
2284+ 33.3	-9.7	2x16" OAK	51685	2329924.72	5774495.70
2285+ 15.2	25.7	18" OAK	51686	2329835.62	5774507.36
2285+ 90.1	-9.1	12" OAK	51687	2329790.56	5774576.85
2286+ 11.3	-8.1	20" OAK	51688	2329772.37	5774587.54
2286+ 97.5	-8.4	2x12" OAK	51689	2329700.94	5774635.79
2287+ 18.9	-10.3	20" OAK	51690	2329684.05	5774649.15
2287+ 79.9	-15.5	20" OAK	51691	2329634.61	5774686.08
2288+ 69.5	-5.2	12" OAK	51692	2329551.21	5774721.50
2290+ 43.7	-4.9	4x12" OAK	51698	2329409.69	5774806.23
2290+ 60.6	-11.3	12" OAK	51697	2329395.71	5774821.21
2291+ 56.6	18.6	12" OAK	51700	2329291.16	5774824.01
2291+ 89.7	-24.1	36" OAK	51701	2329295.81	5774877.80
2300+ 72.3	-24.3	1x24", 1x30" OAK	51427	2328433.75	5774934.90
2304+ 45.3	38.8	24" OAK	51426	2328049.37	5774849.80

NACIMIENTO WATER PIPELINE TREE LOCATION REPORT:
SOUTH - ALIGNMENT G-C-HALN01

The stationing shown below is based on the electronic files for the above referenced alignment provided by Boyle Engineering in July of 2007. Stationing begins at station 1785+50.13. Plan stationing corresponding to Black and Veatch Project Drawings dated 25 April, 2007 may vary. To obtain plan stationing, apply station equations. Coordinates for individual tree locations were determined using direct and offset RTK methods. The observed nominal positional accuracy of the station and out values is +/- 0.7'.

Station	Offset	Description	Point #	Northing	Easting
1786+ 45.0	45.2	32" OAK	51537	2369446.00	5780523.71
1787+ 94.4	-17.8	22" OAK	51536	2369301.32	5780597.47
1788+ 00.2	-15.7	24" OAK	51535	2369295.19	5780595.62
1788+ 55.5	-24.9	42" OAK	51534	2369240.23	5780607.10
1789+ 22.5	-23.5	3x14" OAK	51533	2369170.95	5780605.79
1790+ 73.7	-21.2	24" OAK	51532	2369021.48	5780588.74
1792+ 76.5	-10.1	32" OAK	51530	2368818.99	5780573.44
1794+ 09.4	22.0	16" OAK	51529	2368687.15	5780537.05
1794+ 68.3	-1.8	32" OAK	51528	2368627.46	5780558.72
1805+ 89.4	22.9	24" OAK	51527	2367507.17	5780510.80
1808+ 20.4	-19.9	36" OAK	51526	2367273.25	5780545.28
1814+ 71.3	34.6	42" OAK	51523	2366650.90	5780426.90
1815+ 07.5	19.2	32" OAK	51524	2366619.61	5780450.88
1815+ 51.4	-13.3	2x12" OAK	51525	2366584.81	5780493.10
1826+ 81.0	-14.6	30" OAK	51521	2365453.99	5780482.78
1832+ 89.7	7.9	48" OAK	51520	2364845.09	5780467.18
1833+ 28.9	42.5	48" OAK	51519	2364787.99	5780466.41
1965+ 49.4	29.4	36" OAK	51457	2354456.53	5784768.58
1968+ 19.3	27.7	48" OAK	51456	2354213.52	5784866.31
1970+ 59.4	-15.6	60" OAK	51455	2353984.33	5784947.75
1973+ 95.6	13.4	42" OAK	51453	2353653.22	5784941.35
1974+ 57.8	31.9	60" OAK	51454	2353610.77	5784898.24
1991+ 82.8	-24.4	60" OAK	8206	2352397.23	5785519.26

NACIMIENTO WATER PIPELINE TREE LOCATION REPORT: SOUTH - ALIGNMENT H1-C-HALN01

The stationing shown below is based on the electronic files for the above referenced alignment provided by Boyle Engineering in July of 2007. Stationing begins at station 2370+00. Plan stationing corresponding to Black and Veatch Project Drawings dated 25 April, 2007 may vary. To obtain plan stationing, apply station equations. Coordinates for individual tree locations were determined using direct and offset RTK methods. The observed nominal positional accuracy of the station and out values is +/- 0.7'.

Station	Offset	Description	Point #	Northing	Easting
2382+ 58.9	21.5	14" OAK	51422	2321681.09	5769665.61
2382+ 88.6	27.9	30" OAK	51423	2321671.29	5769636.93
2384+ 00.1	33.9	38" OAK	51424	2321618.99	5769538.27
2389+ 35.3	3.5	1x12",1x24",2x18" OAK	51421	2321315.28	5769096.26
2389+ 50.4	-0.5	18" OAK	51420	2321303.50	5769085.86
2389+ 74.2	15.0	30" OAK	51418	2321303.24	5769057.49
2389+ 83.8	22.1	30" OAK	51419	2321303.74	5769045.54
2390+ 73.5	6.3	1x12", 1x18" OAK	51416	2321201.41	5769026.64
2390+ 91.1	14.2	2x12", 1x18" OAK	51415	2321186.55	5769014.34
2391+ 04.4	15.7	60" OAK	51414	2321174.15	5769009.30
2391+ 20.7	8.4	18" OAK	51413	2321156.55	5769011.93
2391+ 25.7	-6.2	18" OAK	51410	2321147.76	5769024.64
2391+ 53.4	17.0	36" OAK	51412	2321127.36	5768994.82
2391+ 81.2	9.4	1x18", 1x24" OAK	51411	2321098.46	5768994.71
2397+ 08.0	26.4	6" OAK	9198	2320646.45	5768989.61
2397+ 19.3	51.2	24" OAK	9197	2320645.34	5768962.28
2397+ 20.5	20.1	4-96" OAK	9196	2320632.47	5768990.67
2397+ 39.0	-11.4	12" OAK	9195	2320603.42	5769012.87
2397+ 61.0	-16.1	24" OAK	9193	2320581.33	5769008.94
2397+ 62.9	14.4	16" OAK	9192	2320591.06	5768980.01
2397+ 70.1	31.4	26" OAK	9189	2320590.78	5768961.50
2397+ 72.7	10.7	16" OAK	9191	2320580.56	5768979.73
2397+ 77.4	-39.7	12" OAK	9194	2320557.24	5769024.56
2397+ 87.1	39.2	14" OAK	9188	2320578.01	5768947.90
2397+ 92.4	48.4	24" OAK	9190	2320576.54	5768937.39
2465+ 93.0	-11.3	24" OAK	51379	2316086.55	5764770.06
2466+ 05.5	32.8	42" OAK	51378	2316118.83	5764737.49
2466+ 12.2	2.0	12" SYCAMORE	51377	2316088.74	5764746.82
2466+ 18.9	2.1	1x14", 1x10", 1x12" OAK	51376	2316086.80	5764741.15
2468+ 22.2	-11.1	1x12", 1x18" OAK	51371	2315971.76	5764573.92
2468+ 85.1	-11.2	1x36"SYCAMORE	51372	2315940.32	5764519.41
2469+ 53.3	16.8	1x18", 1x36", 1x16" OAK	51373	2315930.74	5764446.33
2469+ 70.5	11.7	1x24" OAK	51374	2315917.72	5764433.87
2469+ 79.7	1.1	30" SYCAMORE	51375	2315903.93	5764431.23
2477+ 28.6	11.7	1x12", 1x8" OAK	51370	2315269.35	5764065.86
2480+ 49.5	-32.0	48" OAK	51388	2314984.78	5763904.09
2480+ 81.2	28.5	1x12", 1x18" OAK	51385	2315043.43	5763869.05
2480+ 86.5	25.8	2x12" OAK	51384	2315040.42	5763863.91
2480+ 88.2	33.9	1x18" OAK	51387	2315048.44	5763861.81
2480+ 96.8	30.3	1x14", 1x12" OAK	51386	2315044.32	5763853.38
2480+ 99.2	-12.8	1x18", 1x24" OAK	51380	2315001.15	5763853.47
2481+ 06.4	13.7	12" OAK	51381	2315027.19	5763844.78
2481+ 21.1	16.0	20" OAK	51382	2315028.65	5763829.94
2481+ 46.3	8.5	20" OAK	51383	2315019.77	5763805.26

NACIMIENTO WATER PIPELINE TREE LOCATION REPORT:
SOUTH - ALIGNMENT H1-C-HALN01

The stationing shown below is based on the electronic files for the above referenced alignment provided by Boyle Engineering in July of 2007. Stationing begins at station 2370+00. Plan stationing corresponding to Black and Veatch Project Drawings dated 25 April, 2007 may vary. To obtain plan stationing, apply station equations. Coordinates for individual tree locations were determined using direct and offset RTK methods. The observed nominal positional accuracy of the station and out values is +/- 0.7'.

Station	Offset	Description	Point #	Northing	Easting
2482+ 60.6	8.2	24" OAK	51404	2315019.63	5763694.22
2483+ 14.3	7.6	2x12" OAK	51403	2315031.84	5763640.39
2483+ 19.8	-28.6	4x12", 1x24" OAK	51405	2314996.03	5763632.85
2483+ 46.8	10.7	14" OAK	51402	2315036.81	5763608.19
2483+ 78.7	-19.1	12" OAK	51401	2315007.69	5763581.16
2483+ 83.8	4.0	14" OAK	51400	2315028.50	5763569.91
2483+ 98.9	12.8	2x18", 2x12" OAK	51399	2315032.93	5763553.07
2484+ 53.0	-26.9	1x12", 1x30" OAK	51398	2314980.52	5763523.97
2485+ 04.8	-18.0	18" OAK	51397	2314954.66	5763477.95
2485+ 05.6	-14.1	18" OAK	51396	2314957.24	5763474.93
2485+ 27.4	29.1	30" OAK	51395	2314977.14	5763430.84
2485+ 40.9	-14.0	12" OAK	51394	2314935.11	5763447.38
2485+ 59.6	-17.3	24" OAK	51393	2314920.81	5763434.82
2486+ 03.8	23.1	18" OAK	51392	2314922.89	5763375.39
2486+ 19.1	24.7	16" OAK	51391	2314914.13	5763362.70
2486+ 74.3	26.9	18" OAK	51389	2314885.15	5763322.68
2486+ 90.8	29.8	36" OAK	51390	2314879.79	5763306.86
2492+ 59.6	-11.9	1x12", 1x10" OAK	51365	2314571.21	5762840.33
2503+ 74.2	-6.3	1x48", 2x24" SYCAMORE	51364	2313608.56	5762313.33
2505+ 51.3	46.4	42" OAK	51363	2313469.32	5762191.96