

Beaumont Basin Watermaster
MEETING AGENDA

DATE: Tuesday, March 13, 2007

TIME: 11:00 AM

PLEASE NOTE TIME
CHANGE
OF MEETING

PLACE: Department of Public Works
Banning City Hall
99 East Ramsey Street, Banning, California 92220

1. Call to Order

2. Roll Call

- A. City of Banning: Paul Toor
- B. City of Beaumont: Dee Moorjani
- C. Beaumont Cherry Valley Water District: Chuck Butcher
- D. South Mesa Water Company: George Jorritsma
- E. Yucaipa Valley Water District: Joe Zoba

3. Pledge of Allegiance

4. Oral and Written Communication

Anyone wishing to address the Watermaster on any matter not on the Agenda of this meeting may do so now. The oral communications portion of this Agenda is to hear comments. If any question or concern arises related to any issues not on the Agenda, it will be referred to Staff for appropriate response. Anyone wishing to speak on an item on the Agenda may do so at the time the Watermaster considers that item. All persons wishing to speak must fill out a Request to Speak Form and give it to the Clerk at the beginning of the meeting. Forms are available from Clerk upon request.

5. Consent Calendar

- A. Approve Minutes of January 9, 2007 Meeting
- B. Approve Minutes of February 13, 2007 Meeting
- C. Treasurer Report
-Budget Revision W-1007
- D. South Mesa Water Company Transfer of Stored Ground Water to Beaumont Cherry Valley Water District and the City of Banning

6. Action Items

- A. Third Annual Report of the Beaumont Basin Watermaster
Recommendation – Approve and Authorize Circulation of the Report
- B. Draft letter to San Geronio Pass Water Agency Regarding Groundwater Storage and Recharging the Beaumont Basin
Recommendation – Approve and Authorize Mailing
- C. Staff Report on Water Level Monitoring Beaumont Basin (Installation of Transducers)
Recommendation – Accept and File

7. Watermaster Committee Member Comments

8. Executive Session Pursuant to Government Code Section 54956.9(b) Significant Exposure to Litigation (1case)

9. Adjournment

Minutes

January 9, 2007

**DRAFT RECORD OF THE MINUTES
OF THE REGULAR MEETING OF THE
BEAUMONT BASIN WATERMASTER**

January 9, 2007

WATERMASTER MEMBERS PRESENT

Banning, City of
Beaumont Cherry Valley Water District
South Mesa Mutual Water Company
Yucaipa Valley Water District

Paul Toor
Chuck Butcher
George Jorritsma
Joe Zoba

WATERMASTER MEMBERS ABSENT

Beaumont, City of

Dee Moorjani

Consultants Present

Joe Aklufi
J. Andrew Schlange

Aklufi & Wysoki
San Timoteo Watershed Management Authority (STWMA)/
Beaumont Basin Watermaster (BBWM)
Wildermuth Environmental, Inc.
Wildermuth Environmental, Inc.
Wildermuth Environmental, Inc.
Geosciences

Mark Wildermuth
Kristal Davis
Tom McCarthy
Tom Harder

Others Present

Jeff Davis
Luwana Ryan
Patsy Reely
Barbara Voigt
Dick Larson

San Gorgonio Pass Water Agency
CVAN
CVAN
San Gorgonio Pass Water Agency
San Gorgonio Pass Water Agency

1. Call to Order

Chairman Jorritsma called the meeting to order at 10:00 a.m.

2. Roll Call

Chairman Jorritsma noted that there three members of the Watermaster were present.
Paul Toor of the City of Banning was late.

3. Pledge of Allegiance.

Chairman Jorritsma led everyone in the *Pledge of Allegiance*.

4. Oral and Written Communication

Chairman Jorritsma asked if there were any written or oral communications for the meeting. One communication from the South Mesa Water Company was received. George Jorritsma of the South Mesa Water Company indicated that the water company had 3,000 acre-feet of stored groundwater for sale for \$140/acre-foot.

5. Consent Calendar

- A. Approve Minutes of September 12, 2006**
- B. Treasurer Report October 2, 2006**
 - I. Budget Revision W-1005, Ratify Chairman's Signature**
 - II. Budget Revision W-1006, Ratify Chairman's Signature**
- C. Treasurer Report December 15, 2006**

Motion by Member Zoba, second by Member Butcher, and by unanimous vote:

Moved to approve the consent calendar as presented.

6. Action Items

- A. Approval to Recapture Water in Storage for Watermaster Fiscal Year 2005/06 - Beaumont Cherry Valley Water District**

Chief Schlange indicated that the application was in the agenda package. Beaumont Cherry Valley Water District requested to recapture 822.9 acre-feet of water in their groundwater storage account.

Motion by Member Zoba, second by Member Butcher, and by unanimous vote:

Moved to approve application as presented.

- B. Approval for Recharge – Beaumont Cherry Valley Water District**

Chief Schlange indicated that the recharge application was in the agenda package. Beaumont Cherry Valley Water District requested to recharge 9,500 acre-feet of State Water Project water pursuant to their groundwater storage agreement.

Mr. Davis said they estimate 60% of the allocated 8,650 acre-feet of State Water Project (SWP) water for the San Geronio Pass area water will be received. Mr. Davis indicated that staffing for the pump station is currently low and 24-hour staffing is being attempted. Mr. Davis further stated that capacity should not be an issue and he anticipates that the San Geronio Pass Water Agency will be able to meet all requests for SWP water for the 2007 calendar year.

Motion by Member Butcher, second by Member Toor, and by unanimous vote:

Moved to approve the application for recharge as presented.

7. Reports and Updates

A. Draft Third Annual Report of the Beaumont Basin Watermaster

Ms. Davis presented the Draft Third Annual Report of the Beaumont Basin Watermaster and noted the changes from the second annual report. Member Butcher questioned the production numbers for Beaumont Cherry Valley Water District and indicated that he would verify the numbers with his staff. Mr. Wildermuth stated that a method to transfer overlying water rights needs to be developed.

B. Progress Report on Subsidence Investigation Update (Verbal Presentation)

Mr. Wildermuth reported on the status of the subsidence investigation. Mr. Wildermuth reviewed the historical subsidence investigation. A network of new benchmarks was installed in November 2006 and the first survey was conducted. The next survey will be performed in April 2007. A final report will be submitted to the state after the April 2007 survey. Mr. Wildermuth recommended that the benchmark survey be conducted every year for the next five years and that the In SAR data be acquired and analyzed in the fifth year.

C. Progress Report on Septic Investigation in Beaumont Management Zone (Verbal Presentation)

Ms. Davis presented the groundwater model simulations of future impacts to the Beaumont Basin from discharge from on-site waste disposal systems (OSWDS). Three model scenarios were presented: no sewer system in the Cherry Valley Community of Interest (CVCOI) and no recharge at the BCVWD Recharge Facility; no sewer system in the CVCOI; and the CVCOI has a sewer system operable by 2011. Dramatic improvements in water quality were observed with the removal of OSWDS.

D. Progress Report on Salt Mitigation Fee Evaluation for the Beaumont Management Zone (Verbal Presentation)

Mr. McCarthy presented a progress report on the salt mitigation fee evaluation. Mr. McCarthy reviewed the process for characterizing the salt loading to the Beaumont Management Zone from each party and from each source. Preliminary results were presented and next step in the process was outlined.

E. Progress Report on Groundwater Level Monitoring Program (Verbal Presentation)

Ms. Davis reported that ten pressure transducers were installed in the Beaumont Basin.

F. Progress Report on the BCVWD Recharge Project (Verbal Presentation)

Mr. Harder presented a progress report on the BCVWD Recharge Project. Geosciences is using pressure transducers to monitor the change in water levels at the recharge facility and to estimate the travel time for the recharge water to percolate to groundwater.

G. Accounting for Supplemental Water Recharge (Verbal Presentation)

Mr. Wildermuth reported that forms need to be developed to account for supplemental water recharge. The Watermaster Rules and Regulations will need to be modified as necessary.

H. Progress Report on the Regional Resource Optimization Program Scoping Work for Fiscal 2006/07 (Verbal Presentation)

Mr. Wildermuth presented an outline of the Regional Resource Optimization Program Report and discussed the progress made to date.

8. Status Reports

A. Watermaster Committee Member Comments

There were no comments from the Watermaster committee members.

9. Adjournment

There being no other business, Chairman Jorritsma adjourned the Watermaster meeting at approximately 11:15am.

C.J. Butcher, Secretary of the Watermaster

Minutes

February 13, 2007

**DRAFT RECORD OF THE MINUTES
OF THE SPECIAL MEETING OF THE
BEAUMONT BASIN WATERMASTER**

February 13, 2007

WATERMASTER MEMBERS PRESENT

Banning, City of
Beaumont Cherry Valley Water District
South Mesa Mutual Water Company
Beaumont, City of
Beaumont, City of

Paul Toor
Chuck Butcher
George Jorritsma
Dee Moorjani
Dave Dillon

Consultants Present

Joe Aklufi
J. Andrew Schlange

Aklufi & Wysoki, Legal Counsel
San Timoteo Watershed Management Authority (STWMA)/
Beaumont Basin Watermaster (BBWM)

Others Present

Luwana Ryan CVAN

1. Call to Order

Chairman Jorritsma called the meeting to order at 1:00pm

2. Roll Call

Chairman Jorritsma noted that all Watermaster Members were present.

3. Pledge of Allegiance.

Chairman Jorritsma led everyone in the *Pledge of Allegiance*.

4. Oral and Written Communication

Chairman Jorritsma asked if there were any written or oral communications for the meeting. Ms. Luwana Ryan addressed the Watermaster and presented a letter requesting procedures and protocol for public involvement in the Watermaster Meetings.

**5. Executive Session Pursuant to Government Code Section 54956.9(b)
Significant Exposure to Litigation.**

The executive session at 1:15pm
Reconvened into public session at 3:10pm.

Chairman Jorritsma indicated that no action was taken.

6. Adjournment

There being no other business, Chairman Jorritsma adjourned the Watermaster meeting at approximately 3:12pm.

C.J. Butcher, Secretary of the Watermaster

Budget

Revision

W-1007

Date: March 13, 2007

To: Beaumont Basin Watermaster

From: J. Andrew Schlange, Chief of Watermaster Services

Subject: Budget Revision W-1007

Transmitted herewith please find Budget Revision W-1007

- Budget Revision W-1007 is necessary to compensate Wildermuth Environmental Inc. for unanticipated additional work involved in setting transducers to monitor water levels in the Beaumont Basin. See attached letter dated February 19, 2007 from Wildermuth Environmental Inc.

Recommendation

That the Watermaster Committee approves budget revision W-1007 and authorize the Chairman to execute on behalf of the Watermaster.

Respectfully,

J. Andrew Schlange
Chief of Watermaster Services



WILDERMUTH™
ENVIRONMENTAL INC.

February 19, 2007

Beaumont Watermaster
C/o Yucaipa Valley Water District
12770 Second Street
Yucaipa, CA 92399
Attn: Andrew Schlange

RE: Revision to Task Order 6 Upper Limit

Dear Mr. Schlange:

This letter explains the effort expended to date to implement the Special Groundwater Level Monitoring Program in the Beaumont Basin, and is a request to increase the task order upper limit from \$25,000 to \$31,000.

This monitoring program originally involved the installation of data-logging pressure transducers at 10 production wells distributed across Beaumont Basin. To perform this work, about 25 wells were canvassed to choose appropriate 10 candidates. Water level time series charts were created for each well to understand the normal water level fluctuations in each well. "Dummy" transducers were installed at each well to see if a transducer could be inserted to the appropriate depth, and then extracted for data download and transducer maintenance. This process took longer than expected because of several factors, such as difficulty gaining access to well sites and/or difficulty in inserting and extracting the "dummy" transducers. Many more wells were visited than originally planned for.

After transducer installation, field staff returns to the wells to extract the transducer and download the data to check for proper installation and transducer function. A number of transducers were not functioning properly. Additional time was spent coordinating with the transducer vendor (In-Situ, Inc.) to exchange/repair the failed transducers, and then re-install and test the new transducers.

As a result of unanticipated additional work, we are requesting that Watermaster increase the task order upper limit from \$25,000 to \$31,000.

Please feel free to contact me if you have any questions.

Sincerely,
Wildermuth Environmental, Inc.

Andrew Malone
Associate Scientist

CC: Joe Zoba/YVWD
Vicky Elisalda/YVWD

**Beaumont Basin Watermaster
FY 2006-2007 Budget**

Acct#	TO #	MEMBER CONTRIBUTIONS	Adopted Original Budget	Correction to FY 2006 Y/E Actual	Revised Budget	Rev Received Exp Paid	Remaining to Receive or Pay
--	--	FY 2006 Fund Balance Carryover - ACTUAL					
3105	--	City of Beaumont	(40,000.00)	(19,724.95)	(59,724.95)	59,724.95	0.00
3110	--	Beaumont Cherry Valley WD	(84,500.00)		(84,500.00)	84,500.00	0.00
3115	--	Yucaipa Valley Water District	(84,500.00)		(84,500.00)	84,500.00	0.00
3120	--	City of Banning	(84,500.00)		(84,500.00)	84,500.00	0.00
3125	--	South Mesa Water Company	(84,500.00)		(84,500.00)		(84,500.00)
		TOTAL BUDGET CONTRIBUTION (REVENUE)	(427,500.00)	(19,724.95)	(447,224.95)	313,224.95	(134,000.00)
EXPENSES:							
5000	--	Interest Earned	0.00		0.00	7.89	7.89
5001	1	JAS Chief of Watermaster Services (\$4250 per month)	51,000.00		51,000.00	(21,250.00)	29,750.00
5010	2	Misc & Meetings (TO#2=\$5,000)	5,000.00	724.95	5,724.95	(799.66)	4,925.29
5020	3	WEI Acquisition/Computation & Annual Report	20,000.00		20,000.00	(7,661.32)	12,338.68
5040	--	Annual Audit	1,500.00		1,500.00		1,500.00
5060	4	WEI General Engineering	25,000.00		25,000.00	(4,093.04)	20,906.96
5062	--	WEI Subsidence Monitoring Program - STWMA	95,000.00		95,000.00	(95,000.00)	0.00
5063	6	WEI Groundwater Level Monitoring Program	25,000.00		25,000.00	(13,815.77)	11,184.23
5064	--	Meter Installation	10,000.00		10,000.00		10,000.00
5065	7	WEI Update of Water Demand and Supply Projections	10,000.00		10,000.00		10,000.00
5066	8	WEI Biennial Engineer's Report	30,000.00		30,000.00		30,000.00
5070	--	A&W General Legal (A&W \$150 per hour)	10,000.00		10,000.00	(2,027.00)	7,973.00
5071	9	WEI Conjunctive-Use Marketing	10,000.00		10,000.00	(2,100.00)	7,900.00
5072	10	WEI Salt Mitigation Fee Implementation	30,000.00		30,000.00	(5,291.80)	24,708.20
5073	11	WEI Regional Resource Optimization Scoping Work	100,000.00		100,000.00	(8,164.66)	91,835.34
5080	--	Reserve	5,000.00	19,000.00	100,000.00		24,000.00
		TOTAL BUDGET EXPENSES	427,500.00	19,724.95	447,224.95	(160,195.36)	287,021.70

Difference of Revenue Received & Expenses Paid

153,029.59
Cash fund Balance

18,600

*note 6,000 from Dec
to take order 1066*

FY 2007 Budget Summary
December 2006

**Beaumont Basin Watermaster
Budget Revision and Transfer Request**

Date: 03/13/2007 Transfer No. W-1007

Time: 10:00 a.m.

Requested By: J Andrew Schlange

PLEASE MAKE BUDGET FUND TRANSFER FROM:

Budget Category 5080 Reserves

RECAP:	Budget Amount	\$24,000
	Transfer Amount	(\$6,000)
	Revised Budget Amount	\$18,000

PLEASE MAKE A BUDGET FUND TRANSFER TO:

Budget Category 5063 (Task Order No. 6) Groundwater Level Monitoring Program

RECAP:	Budget Amount	\$25,000
	Transfer Amount	\$6,000
	Revised Budget Amount	\$31,000

THE ABOVE TRANSFER HAS BEEN APPROVED AND IS NOW COMPLETED.

DATE APPROVED

Signature of Watermaster Official

SMWC

Groundwater

Transfer

Date: March 13, 2007

To: Beaumont Basin Watermaster

From: J. Andrew Schlange, Chief of Watermaster Services

Subject: Status Report Stored Groundwater Transfer from South Mesa Water Company to the Beaumont Cherry Valley Water District and the City of Banning

Transmitted herewith please find the following:

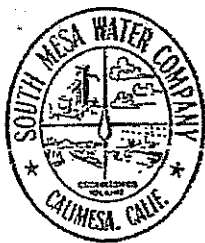
- I. Letter dated January 2, 2007 from South Mesa Water Company to Members of the Watermaster Committee advising that South Mesa Water Company was interested in selling 3000 ac-ft of stored groundwater at a price of \$140.00 / A.F..
- II. Letter dated January 22, 2007 from South Mesa Water Company to BCVWD indicating the completion of the sale of 1500 ac-ft of stored groundwater to the BCVWD.
- III. Letter dated March 7, 2007 from South Mesa Water Company to the City of Banning indicating the completion of the sale of 1500 ac-ft of stored groundwater to the City of Banning.

Recommendation

The Beaumont Basin Watermaster recognizes and approves the transfer of stored groundwater from the South Mesa Water Company to the BCVWD and the City of Banning.

Respectfully,

J. Andrew Schlange
Chief of Watermaster Services



SOUTH MESA WATER COMPANY

Telephone (909) 795 2401 • Fax (909) 795 5299

391 West Avenue L — P.O. Box 458
CALEMESA, CALIFORNIA 92320-0458



January 2, 2007

Chuck Butcher
Beaumont Cherry Valley Water District
560 Magnolia Avenue
Beaumont, CA 92223

Paul Toor
City of Banning Public Works
99 East Ramsey Street
Banning, CA 92220

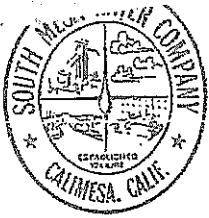
Joe Zoba
Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399

Dear Gentlemen:

The South Mesa Water Company has 3,000 acre-feet of water available for sale from its Beaumont Basin groundwater storage account. This water is available for \$140 per acre-foot. Please contact me if you are interested in purchasing this water.

Sincerely,

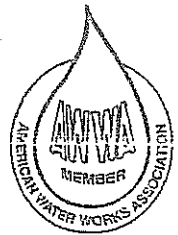

George Joritsma
General Manager



SOUTH MESA WATER COMPANY

Telephone (909) 795-2401 • Fax (909) 795-5299

391 West Avenue L — P.O. Box 458
CALIMESA, CALIFORNIA 92320-0458



January 22, 2007


 COPY

Mr. C.J. Butcher, General Manager
Beaumont Cherry Valley Water District
560 Magnolia Avenue
Beaumont, CA 92223-2258

Dear Chuck,

South Mesa Water Company has received your check in the amount of \$210,000.00 for the purchase of 1500 acre feet of temporary surplus water at the cost of \$140.00 per acre foot. South Mesa Water Company hereby transfers ownership of this temporary surplus to the Beaumont Cherry Valley Water District for transfer by the Beaumont Basin Watermaster.

Sincerely,


George Jorritsma
President, General Manager

Date: March 13, 2007

To: Beaumont Basin Watermaster

From: J. Andrew Schlange, Chief of Watermaster Services

Subject: Proposed Correspondence to San Gorgonio Pass Water Agency regarding groundwater.

Transmitted herewith please find a draft letter regarding groundwater storage agreement pursuant to the 2004 Beaumont Basin stipulated agreement.

This matter will be revised at the Watermaster Meeting.

Recommendation

Please review the draft letter, provide staff with comments and authorize its transmittal to the San Gorgonio Pass Agency.

Respectfully,

J. Andrew Schlange
Chief of Watermaster Services

BEAUMONT BASIN WATERMASTER

J. Andrew Schlange
Chief of Watermaster Services

February 14, 2007 *not yet sent*

Jeff Davis
San Geronio Pass Water Agency
1210 Beaumont, Avenue
Beaumont, CA 92223

Subject: Groundwater Storage Agreement, Pursuant to the 2004 Beaumont Basin Stipulated Agreement (STWMA vs. City of Banning, et al, Case No. RIC 389197)

Dear Jeff:

During the period July 1, 2003 through June 30, 2006, the San Geronio Pass Water Agency (Agency) recharged approximately 2150 acre-ft at the boundary of the Beaumont Basin as defined in the Beaumont Basin Stipulated Agreement. The Agency, as of this writing, has initiated recharge at these same facilities and plans to do so for at least part of the remaining fiscal year (through June 30, 2007). The water used for recharge comes from the Agency's State Water Project (SWP) allocation and is intended to address the Agency's perceived overdraft in the Beaumont Storage Unit, which has boundaries that are identical to the Beaumont Basin as defined in the Beaumont Basin Stipulated Agreement. Pursuant the stipulated agreement, SWP water is defined to be Supplemental Water. The Agency is not a party to the stipulated agreement but did participate in the negotiations that led up to the development of the stipulated agreement.

The pertinent citations from the stipulation that are related to the Agency's storing of supplemental water in the Beaumont Basin include:

"Any Supplemental Water stored in the Beaumont Basin, except pursuant to a Groundwater Storage Agreement, shall be deemed abandoned and not classified as Stored Water." (II.2., Page 7)

"This Judgment, and the Physical Solution decreed herein, address all Production and Storage within the Beaumont Basin." (V.3., Page 14)

"Any Person may make reasonable beneficial use of the Groundwater Storage Capacity for storage of Supplemental Water: provided, however, that no such use shall be made except pursuant to a written Groundwater Storage Agreement with the Watermaster." (V.5.b., Page 15)

This letter is an invitation to the Agency to submit an application to the Beaumont Basin Watermaster for a Groundwater Storage Agreement in which the Agency can place the water that it has already recharged or plans to recharge in the Beaumont Basin. This invitation must be submitted to the Beaumont Basin Watermaster Chief of Watermaster Services by May 14, 2007. Upon receipt of this application, Watermaster staff will prepare the necessary staff analysis and report and submit it to the Watermaster for approval at its June 13, 2007 meeting. To aid in the application process, we have attached a partially filled out application for the Agency to use. The Agency needs to fill in the amount

of storage requested by the Agency, affix a signature, and submit it to the Chief of Watermaster Services.

Should the Agency fail to submit an application by May 14, 2007, the Watermaster may, pursuant to the stipulated agreement, declare all of the Supplemental Water recharged by the Agency through June 30, 2007 abandoned and allocate this water to the appropriator parties for their subsequent use.

Please call me at (760) 574-6236 or Joseph Aklufi at (951) 682-5480 if you any questions or need additional information.

Very truly yours,

Beaumont Basin Watermaster

A handwritten signature in cursive script, appearing to read "J. Andrew Schlange".

J. Andrew Schlange
Chief of Watermaster Services

BEAUMONT BASIN WATERMASTER

**APPLICATION
FOR
GROUNDWATER STORAGE AGREEMENT**

APPLICANT

San Gorgonio Pass Water Agency

Name

1210 Beaumont Avenue

Address for Notice

Beaumont CA 92223

City State Zip Code

Telephone: (951) 845-2577

Facsimile: (951) 845-0281

For Staff Use Only

Date Requested: _____

Date Approved: _____

Amount Requested: _____ acre feet

Amount Approved: _____ acre feet

Agreement No.: _____

TYPE OF WATER TO BE PLACED IN STORAGE☒ Supplemental Water☐ Other: _____☐ Both**PURPOSE OF STORAGE – Check all that may apply**

- ☐ Stabilize or reduce future water costs/assessments.
☐ Facilitate utilization of other available sources of supply.
☐ Facilitate replenishment under certain well sites.
☐ Preserve pumping right for a changed future potential use.
☐ Other, explain _____

METHOD AND LOCATION OF PLACEMENT IN STORAGE – Check and attached all that may apply

- ☒ Recharge.
☐ Assignment in-lieu of Production.
☐ Other, explain _____

METHOD AND LOCATION OF RECAPTURE FROM STORAGE – Check and attach all that may apply

- ☐ Pump from my well(s).
☒ Other, explain Deferment of recapture to a later time _____

WATER QUALITY AND WATER LEVELS:

Description of groundwater quality in vicinity of facility and quality of water to be stored:

Description of existing water levels in the areas that are likely to be affected:

NEGATIVE IMPACTS OF PROPOSED RECAPTURE:

Is the Applicant aware of any potential negative impacts to a party to the Judgment or the Basin that may be caused by the action covered by the application? Yes ☒ No ☐

If yes, what are the proposed mitigation measures, if any, that might reasonably be imposed to ensure that the action does not result in negative impact to a party to the Judgment or the Basin?

ADDITIONAL INFORMATION ATTACHED Yes ☐ No ☐

Describe:

Applicant's Signature

Print Name

Title