



Authorize entering into a Water Savings Incentive Program (WSIP) Agreement with Tri-Star Dyeing and Finishing Inc.

Water Planning and Stewardship Committee
November 7, 2016
Item 7-6

WSIP Background

Program Goals

Reach out to
Com/Ind/Inst/Ag
water users

Provide
Incentives for
Custom
Projects

Encourage Long-
Term Water
Management

- May 2012, Board approved WSIP
- Pay-for-performance program
- Incentives up to \$195 per AF
- May not exceed half cost of the project

Program Accomplishments

- Total Executed Agreements: **121**
- Total Funds Committed: **\$3.8 M**
 - Completed projects: **\$1.34M**
- Estimated Lifetime Water Savings: **24 TAF**
- Average Cost Over Lifetime: **\$163/AF**



Performance of Completed Projects

● Top 20

- **Comprise 90% of incentive payments**
- **\$1.2M in Metropolitan incentives**
- **8,946 AF projected water savings**
- **Approximately \$134/AF unit cost**
- **All customers still exist / are in business**
- **6 sites inspected within last year**
- **Favorable comments on performance**

Performance Examples

- **Projects completed / all payments made**

Customer	Initial Savings Estimate (gal)	Savings Estimate w/ Monitoring (gal)	% Change
Altman Specialty Plants, Inc.	1,114,582,387	1,180,090,204	5.9%
The Boeing Company	163,472,550	167,487,414	2.5%
Top 20 WSIP	2,901,957,612	2,941,961,238	1.3%

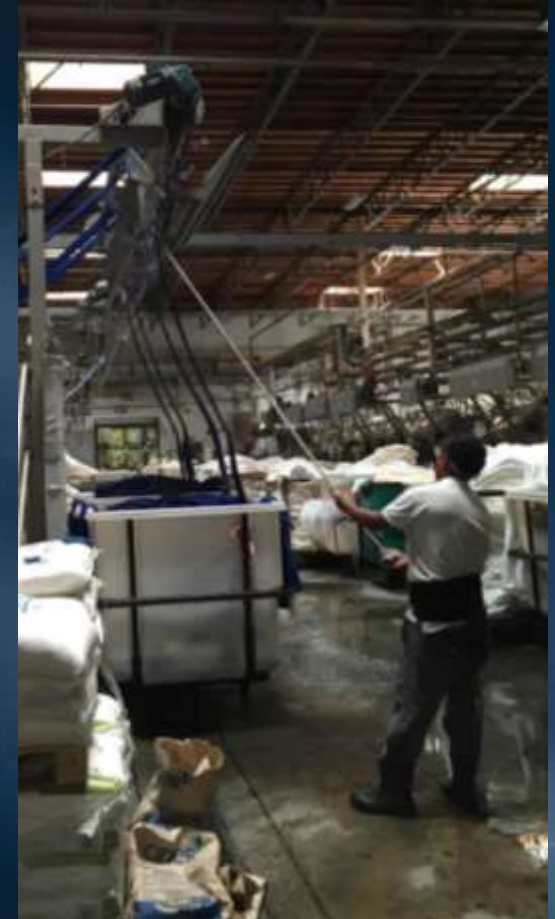
New Project for Board Approval

- **Tri-Star Textile Dyeing and Finishing Inc.**
- **Proposed Project:**
 - **Installation of wastewater treatment and recycling plant on site**
 - **Multi-stage purification process to treat wastewater effluent for reuse in dye process**



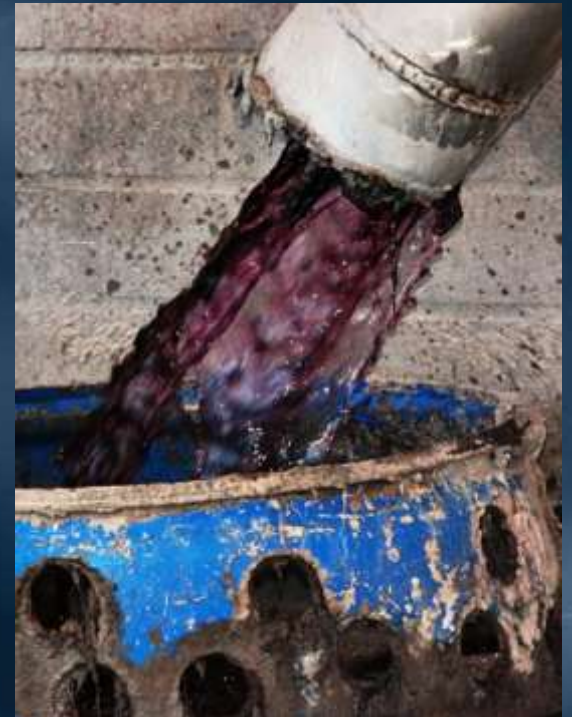
Tri-Star Dyeing and Finishing Inc.

- Located in Santa Fe Springs
 - Central Basin MWD service area
- 16.8 M pounds of fabric processed annually
- 160 million gallons of water used annually



Project Technology

- 1) pH Adjustment
- 2) Ozone Processing
- 3) Electro-Coagulation
- 4) Manganese greensand filter
- 5) Microfiltration system
- 6) Reverse Osmosis



Estimated Savings & Incentives (10 Yrs)

	Target Reduction	Est. AF Savings	Est. Eligible Costs	Est. Incentive
Tri-Star Dyeing and Finishing Inc.	70%	3,538 AF	\$2.95M	\$692 K

Options

● Option #1

- Adopt the CEQA determination that the proposed action is categorically exempt
- Authorize entering into a WSIP agreement with Tri-Star Dyeing and Finishing Inc.

● Option #2

- Take no action

Staff Recommendation

- Option #1

