



Report to the California Legislature

STATUS REPORT ON THE NON-TOXIC DRY CLEANING INCENTIVE PROGRAM (AB 998)



Report Submitted By:

California Air Resources Board

**Pursuant to Health and Safety Code § 41999 subd.(e)
(Assembly Bill 998, Lowenthal, chapter 821, Statutes of 2003)**

December 2010



Arnold Schwarzenegger
Governor

STATE OF CALIFORNIA

ARNOLD SCHWARZENEGGER
GOVERNOR

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Status Report on the Non-Toxic Dry Cleaning Incentive Program (AB 998)

I. OVERVIEW

Assembly Bill (AB) 998, effective January 1, 2004, established the Non-Toxic Dry Cleaning Incentive Program (AB 998 Program). The AB 998 Program provides the dry cleaning industry with \$10,000 grant funds to switch from cleaning systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives. The legislation also requires the Air Resources Board (ARB or Board) to establish a demonstration program to showcase these clean technologies statewide. The purpose of this report is to provide the Legislature with information regarding the effectiveness of the program and point out an approach to enhance the efficiency of the program. As stated in the legislation, commencing January 1, 2004, and every three years thereafter, ARB will provide a report to the Legislature evaluating the effectiveness of the grant program. From our observations, it appears that increasing the grant funding to \$20,000 may provide greater incentive for Perc facilities to choose the cleaner alternatives.

II. BACKGROUND

The ARB regulates Perc emissions from dry cleaners pursuant to the Airborne Toxic Control Measure for Emissions of Perc from Dry Cleaning Operations (Dry Cleaning ATCM). The Dry Cleaning ATCM is a statewide regulation which applies to all Perc dry cleaning facilities in California. This ATCM will phase out the use of all Perc dry cleaning machines and related equipment by January 1, 2023. The Dry Cleaning ATCM became effective on December 27, 2007. On January 25, 2007, ARB approved amendments to the Dry Cleaning ATCM and the adoption of requirements for Perc manufacturers and distributors.

The AB 998 Program provides \$10,000 grants to the dry cleaning industry to switch from systems using Perc to non-toxic and non-smog forming alternatives. Funds for the AB 998 program are generated by assessing a fee on the distributors who sell Perc to California dry cleaners. This fee is based on the amount of Perc sold to dry cleaners each year. AB 998 required the ARB to impose a three-dollar (\$3) per gallon fee beginning on January 1, 2004. This fee increases one-dollar (\$1) per gallon per year from 2005 through 2013. As required by the legislation, the majority of the funds collected by the fee are used to provide \$10,000 grants to assist dry cleaners in switching from Perc to non-toxic and non-smog forming cleaning technologies. To date, only water-based cleaning and carbon dioxide (CO₂) cleaning technologies meet the AB 998 criteria.

The AB 998 Program also requires the ARB to establish a demonstration program to showcase these technologies statewide, thereby providing an opportunity to educate

dry cleaners on the benefits, costs, and effectiveness of these alternatives. Collected funds are also used to administer the demonstration program. A complete text of the legislation is provided in Appendix A. Table 1 provides a summary of the fees collected to date. The amount of fees collected has been declining in recent years as dry cleaners are replacing their Perc machines to comply with the Dry Cleaning ATCM.

Table 1. Summary of Perc Fee Collections

Year	Perc Sold (gallons)	Amount Collected
2004*	80,151	\$240,453
2005	138,294	\$583,395
2006	120,737	\$600,357
2007	80,739	\$484,434
2008	58,414	\$408,897
2009**		
Total		\$2,317,536

* 2004 fee collection period did not begin until mid-August due to implementation of AB 998

** 2009 fee collection will start in early 2010; for fee collection schedule see Table 3

III. GRANT AND DEMONSTRATION PROGRAM

Since the inception of the program and up through 2008, ARB has collected about \$2,320,000 and has awarded \$1,040,000 in grants to qualified dry cleaning owners throughout California. ARB has also funded two demonstration programs of \$473,000 and allocated \$50,000 to the Office of Environmental Health Hazard Assessment (OEHHA) for a technology review of decamethylcyclopentasiloxane (D₅), a dry cleaning solvent for its use in GreenEarth technologies. Approximately \$116,000 is set aside to fund the on-going costs to administer the program. The remaining \$639,000 and the funds collected for 2009 will be available to award additional grants and maintain the demonstration program. We anticipate the fees collected in 2009 will be close to \$320,000. Table 2 provides a summary of the distribution of these funds.

Table 2. Summary of Fund Distributions (2004 – 2008)

Total Fee Collected	OEHHA for D ₅ Evaluations	Grant Program	Demonstration Program	Administrative Cost	Total Remaining
\$2,317,536	\$50,000	\$1,040,000*	\$473,030*	\$115,877*	\$638,629**

* Funds have been distributed based on the legislative mandate that at least 50% should be given to award grants, not more than 30% to demonstration projects, and not more than 5% to administer the program

** This money will help fund additional grants and maintain the demonstration program. This does not show the fees collected for 2009

a. Grant Program

The grant program for the dry cleaning industry began in August 2004. The grant program provides \$10,000 grants to any eligible dry cleaner in the State that is willing to transition from the use of Perc machines to alternative non-toxic and non-smog forming systems such as water-based and CO₂ cleaning technologies. Since the inception of the program, ARB staff has engaged in an extensive public outreach effort to inform California dry cleaners about the grant program. In addition to several meetings with dry cleaning representatives, state and local regulatory agencies, and public health advocates, the ARB conducted several outreach campaigns through advisory and factsheets in 2005 through 2009 to solicit dry cleaners to apply for the AB 998 Program grants. From these campaigns, the ARB was able to award more than 100 grants throughout California. However, the numbers of new grants are small compared to those dry cleaners that are choosing different alternative technologies. Currently, about \$639,000 remains from the fees collected for additional grants.

The reasons why the number of grants for non-toxic and non-smog forming systems are small compared to the numbers of dry cleaners choosing different alternative technologies include, costs, concern over using water-based and CO₂ cleaning technologies, and the selection of hydrocarbon or GreenEarth technologies over Perc machines. As of December 2009, 101 cleaners changed their Perc machines to water-based and 3 cleaners to CO₂ cleaning technologies. CO₂ machines are very expensive (approximately \$200,000 each), and the \$10,000 statewide grant funding has not provided enough financial incentive to switch to this technology. Appendix B provides the list of approved grants which includes: grant recipients' names, facility locations, types of equipment; and the year when the grants were awarded.

The ARB plans to continue the grant program each year or until funds are no longer available. To encourage greater participation, ARB has been accepting and processing grant applications on a continuous basis rather than during a single application period each year.

b. Demonstration Program

The legislation also requires ARB to establish a demonstration program to showcase non-toxic and non-smog forming technologies statewide. The overall goal of the program is to educate all California cleaners about viable non-toxic and non-smog forming garment care technologies by providing the marketplace experience that is essential for commercial development. The demonstration program will provide dry cleaners an opportunity to view the operations at these sites, provide technical assistance and training, and educate them on the benefits, costs, and overall effectiveness of the technologies.

This bill also requires the demonstration program to be funded 50 percent by matching funds to cover the cost of the demonstration program. Any entity can participate in the program by contributing monies as matching funds, including, but not limited to, a state

or federal agency, an air pollution control district or air quality management district, a public utility district, or a nonprofit organization. In addition, not more than 30 percent of the funds deposited annually in the Non-Toxic Dry Cleaning Incentive Trust Fund may be used for the demonstration program.

In 2007, ARB contracted with the Institute for Research and Technical Assistance (IRTA) for showcasing both water-based and CO₂ dry cleaning technologies throughout California. IRTA was allocated a maximum funding of \$73,000 from ARB to be used over an 18-month period (2007 and 2008). Some of the accomplishments of the IRTA's demonstration program are listed below.

- Completed five workshops, with over 100 dry cleaning owners attending
- Completed one EXPO at the Southern California Edition facility in Irwindale, California
- Sent out 5,000 flyers/brochures to advertise the events

In 2007, ARB also contracted with the Pollution Prevention Education & Research Center (PPC) at Occidental College for showcasing the non-toxic and non-smog forming technologies which are currently water-based and CO₂ dry cleaning systems. ARB allocated a maximum funding of \$200,000 to be used over a two-year period (2007 and 2008). To date, PPC utilized \$135,000 to conduct several demonstration workshops in various locations in California including sites located in Los Angeles, Bay Area, Sacramento, and San Diego during the grant demonstration contract period. The remaining \$65,000 stayed in the AB 998 grant account. Some of the accomplishments of PPC's demonstration program are listed below.

- Completed 33 workshops, with about 300 dry cleaners attending
- 74 percent of cleaners surveyed were impressed with the water-based and CO₂ dry cleaning systems after attending a workshop
- 80 percent of cleaners surveyed expressed an interest in switching to or adding CO₂ and/or water-based cleaning to their existing facility
- 41 attendees applied for an AB 998 grant after attending a workshop
- 18 workshops attendees stated that they would likely apply for AB 998 funding
- A demonstration center was created for water-based cleaning at the Customer Technology Application Center (CTAC) located in Irwindale, California

In the spring of 2009, ARB contracted the UCLA Sustaining Technology Policy Program at UCLA School of Public Health. To continue the demonstration program, ARB has allocated an additional \$265,000 to conduct *Phase II* of the demonstration program for fiscal years 2009-2010.

ARB anticipates that this additional demonstration project will expand the already successful California-based AB 998 grant demonstration program for viable non-toxic and non-smog forming technologies. While maintaining the program in the

Los Angeles, Bay Area, San Diego, and Sacramento regions, *Phase II* will expand the program to a number of outlying regions in California, including but not limited to Santa Barbara, Ventura, and the San Joaquin Valley. We anticipate this program will offer additional workshops, outreach, and on-site demonstrations to dry cleaners to further understand both water-based and CO₂ technologies.

c. Fee Collection

Pursuant to the Dry Cleaning ATCM, distributors must pay fees no later than 30 days of issuance of an invoice from ARB. The Perc Fee Invoice Schedule is shown in Table 3 below

Table 3. Perc Fee Invoice Schedule

Year	¹ Perc Fee per Gallon Sold (in U.S. Dollars)	Invoice Cycle	Approximate Invoice Date
2004	\$3.00	August 16, 2004 through December 31, 2004	January 2005
2005	\$4.00	January 1, 2005 through June 30, 2005 July 1, 2005 through December 31, 2005	July 2005 January 2006
2006	\$5.00	January 1, 2006 through December 31, 2006	January 2007
2007	\$6.00	January 1, 2007 through December 31, 2007	February 2008
2008	\$7.00	January 1, 2008 through December 31, 2008	February 2009
2009	\$8.00	January 1, 2009 through December 31, 2009	February 2010
2010	\$9.00	January 1, 2010 through December 31, 2010	February 2011
2011	\$10.00	January 1, 2011 through December 31, 2011	February 2012
2012	\$11.00	January 1, 2012 through December 31, 2012	February 2013
2013	\$12.00	January 1, 2013 through December 31, 2013	February 2014
2014-2022	\$12.00	January 1, 2014 through December 31, 2014, and each subsequent calendar year through 2022	February 2015 and each February thereafter through February 2023

1. The scheduled fees are based on AB 998

ARB staff believes that some Perc distributors may not be reporting their sales or submitting the fees to ARB upon the receipt of invoices. This assessment is based on the estimate of Perc sales from ARB staff surveys conducted in 2003 and 2006. With no manufacturers of Perc located in California, collection of fees has focused on distributors since the majority of manufacturers sell to distributors and not to individual dry cleaners.

To address the shortfall in fees collected under the program, ARB adopted new requirements for Perc distributors under the Dry Cleaning ATCM in the 2007

amendments. Any solvent distributor that sells Perc or recycled Perc to a California dry cleaning facility or to others for sale in dry cleaning in California (Perc distributor) is required to retain records of the Perc purchased and sold, the dry cleaner's contact information, and the contact information of their Perc distributor(s), if applicable. In addition, there is a one time reporting requirement of their Perc distributors' contact information, a requirement to report changes to the contact information provided and an annual reporting requirement of the gallons of Perc and recycled Perc sold in California dry cleaning facilities. These requirements will allow ARB to enforce the fee collection mandates of AB 998 and track annual Perc sales to California dry cleaners.

IV. Conclusions

The Non-toxic Dry Cleaning Incentive Program offers grants of up to \$10,000 to dry cleaners that install qualifying technologies. Both water-based and CO₂ technologies qualify for the grants. Since the inception of the program, ARB has awarded over 100 grants, each at \$10,000, for the installation of the non-toxic and non-smog forming type systems. Under the current program, ARB staff believes that the program will continue to fund about 30 grants each year and will continue to fund the demonstration component of the program.

V. Observations

ARB staff is aware that the grant program is currently being underutilized, with about \$639,000 in grant funds available. However, the ARB staff also anticipates that many more dry cleaners will take advantage of the program when the first major compliance date for the dry cleaning ATCM becomes effective on July 1, 2010. The requirement states that any Perc machines 15 years and older be replaced with cleaner dry cleaning systems. That being said, we are aware that most facilities are choosing to install hydrocarbon-based technologies rather than the water-based and CO₂ technologies. The primary reason for purchasing hydrocarbon technologies is that they more closely resemble the Perc-type technologies. The \$10,000 grant incentive program has not been great enough to encourage the switch to cleaner technologies.

ARB staff has observed that increasing grant funding to \$20,000 results in more dry cleaning operators choosing the cleaner non-toxic and non-smog forming alternative technologies. The South Coast Air Quality Management District (SCAQMD) offers a \$10,000 grant in addition to the State's \$10,000 grant for the non-toxic dry cleaning technologies. With \$20,000 in total grants, more cleaners switched to water-based cleaning systems, as indicated by the number of grants awarded in the SCAQMD, or about 70 percent of the total number of state grants awarded. Therefore, it appears from this observation that an increase in grant funding to \$20,000 for the replacement of existing Perc dry cleaning machines could provide greater incentive for dry cleaners to switch to non-toxic and non-smog forming technologies.

The additional benefits of having more Perc dry cleaners take advantage of the grant program will result in a better utilization of AB 998 funds to help in eliminating toxic dry cleaning systems. Eliminating Perc dry cleaning machines will ultimately decrease the health risks near cleaners that replace their systems with non-toxic and non-smog forming systems.

Appendix A

AB 998 Legislation

Non-Toxic Dry Cleaning Incentive Program

Assembly Bill No. 998

CHAPTER 821

An act to add Article 9.1 (commencing with Section 41998) to Chapter 3 of Part 4 of Division 26 of the Health and Safety Code, relating to air quality.

[Approved by Governor October 10, 2003.
Filed with Secretary of State October 11, 2003.]

LEGISLATIVE COUNSEL'S DIGEST

AB 998, Lowenthal. Air quality: Nontoxic Dry Cleaning Incentive Program.

Existing law designates the State Air Resources Board as the state agency charged with coordinating efforts to attain and maintain ambient air quality standards.

This bill would require the state board to impose a \$3 per gallon fee on every manufacturer of perchloroethylene in the state, and on every person that imports perchloroethylene into the state for use in dry cleaning, and to deposit the revenues generated by that fee in the Nontoxic Dry Cleaning Incentive Trust Fund, which would be established in the State Treasury by the bill. The bill would increase that fee by \$1 each year until 2013, inclusive. The bill would provide that moneys deposited in the fund are available for expenditure by the state board, upon appropriation by the Legislature, to fund a grant program and demonstration program, and would require those programs to be developed by the state board. This bill would require the state board to expend, upon appropriation by the Legislature, moneys sufficient to repay any General Fund moneys expended to implement the programs. The grant program would provide \$10,000 grants to any eligible dry cleaner in the state that utilizes perchloroethylene in its operations to aid its transition to dry cleaning systems determined by the state board, in consultation with certain other entities, to be nontoxic and nonsmog-forming. The bill would require the state board to ensure that 50% of the grant moneys are awarded in a manner that directly reduces air contaminants or reduces the public health risk associated with air contaminants in communities with the most significant exposure to air contaminants or localized contaminants, or both, including communities of minority populations or low-income populations, or both. The bill would require the state board, commencing January 1, 2007, and every 3 years thereafter, to provide a report to the Legislature evaluating the effectiveness of the grant program. The bill would require the demonstration program to be funded 50% by matching funds.

The people of the State of California do enact as follows:

SECTION 1. The Legislature finds and declares all of the following:

- (a) State and federal scientific health agencies have determined that perchloroethylene is either a probable, possible, or known carcinogen.
- (b) Occupational health studies have found elevated rates of lung, cervical, bladder, and other cancers in dry cleaning workers.

(c) Laboratory studies have found increased numbers of cancerous tumor in animals exposed to perchloroethylene.

SEC. 2. Article 9.1 (commencing with Section 41998) is added to Chapter 3 of Part 4 of Division 26 of the Health and Safety Code, to read:

Article 9.1. Nontoxic Dry Cleaning Incentive Program

41998. (a) (1) The state board shall impose a three dollar (\$3.00) per gallon fee on every manufacturer of perchloroethylene in the state and on every person that imports perchloroethylene into the state for use in dry cleaning.

(2) The amount of the fee imposed pursuant to paragraph (1) shall increase by one dollar (\$1.00) per gallon on January 1, 2005, and shall increase by one dollar (\$1.00) each subsequent year, until January 1, 2013, inclusive.

(b) Moneys generated by the fee imposed pursuant to subdivision (a) shall be deposited in the Nontoxic Dry Cleaning Incentive Trust Fund, which is hereby established in the State Treasury.

(c) Moneys deposited in the Nontoxic Dry Cleaning Incentive Trust Fund are available for expenditure by the state board, upon appropriation by the Legislature, to fund the grant program described in Section 41999 and to fund the demonstration project described in subdivision (f) of Section 41999. The state board shall allocate, from the moneys derived from the imposition of the fee pursuant to this section, moneys that it determines are sufficient to fund the demonstration project described in subdivision (f) of Section 41999, and shall utilize the remaining moneys to fund the grant program.

(d) Not more than 5 percent of the moneys in the fund, calculated annually, may be utilized by the state board to administer the grant and demonstration programs.

(e) The state board shall expend moneys from the fund, upon appropriation by the Legislature, sufficient to repay any General Fund moneys expended to implement the requirements of this article.

41999. (a) The state board shall develop and establish a grant program that provides incentives for dry cleaners in the state that utilize perchloroethylene in their operations to transition to utilizing dry cleaning systems determined by the state board, in consultation with the Office of Environmental Health Hazard Assessment, the State Water Resources Control Board, the Department of Toxic Substances Control, and any other entity the state board determines to be appropriate, to be nontoxic and nonsmog-forming.

(b) To be eligible for a grant pursuant to this section, applicants shall completely replace their perchloroethylene-based dry cleaning system with a system that the state board, in consultation with the Office of Environmental Health Hazard Assessment, the State Water Resources Control Board, the Department of Toxic Substances Control, and any other entity the state board determines to be appropriate, has determined to be nontoxic and nonsmog-forming. The state board shall determine the eligibility of grant recipients.

(c) The state board shall make grants available in the amount of ten thousand dollars (\$10,000) to any eligible dry cleaning operation for the purchase of a professional dry cleaning system that uses a nontoxic and nonsmog-forming process, as determined by the state board, in consultation with the Office of Environmental Health Hazard

Assessment, the State Water Resources Control Board, the Department of Toxic Substances Control, and any other entity the state board determines to be appropriate.

(d) The state board shall ensure that at least 50 percent of the grant moneys provided pursuant to this section are awarded in a manner that directly reduces air contaminants or reduces the public health risk associated with air contaminants in communities with the most significant exposure to air contaminants or localized air contaminants, or both, including, but not limited to, communities of minority populations or low-income populations, or both.

(e) Commencing January 1, 2007, and every three years thereafter, the state board shall provide a report to the Legislature evaluating effectiveness of the grant program.

(f) The state board shall establish a demonstration program to showcase professional nontoxic and nonsmog forming dry cleaning technologies in the state. The demonstration program shall require 50 percent matching funds to cover the costs of the demonstration program. Any entity may contribute monies as matching funds, including, but not limited to, a state or federal agency, an air pollution control district or air quality management district, a public utility district, or a nonprofit entity. Not more than 30 percent of the funds deposited annually in the Nontoxic Dry Cleaning Incentive Trust Fund may be used for the demonstration program.

Appendix B

Approved Grant Recipients List

**AB 998 Non-Toxic and Non Smog Forming Dry Cleaning Incentive Program
2005-2006 Grant Award Recipients**

Technology	Owners Name	Business Name	Address	City	State	Zip Code	Phone No
Water-Based	Tariq Mohammad	Alpha Cleaners	7014 Santa Fe Ave	Huntington Park	CA	90255-3910	310-218-9838
Water-Based	James Kwon	Re-Stor Cleaners	8846 Foothill Blvd.	Sunland	CA	91040	818-352-5288
Water-Based	William Tissot	Chino Riverside Cleaners	5820 Riverside Dr	Chino	CA	91710-4457	909-628-8474
Water-Based	Shu Jen Tung	OK Cleaners	2625 N Garey Ave	Pomona	CA	91767-2171	909-392-3927
Water-Based	Hyuk Park	One Hour Valley Cleaners	853 Oak Park Blvd.	Pismo Beach	CA	93449	805-268-3999
Carbon Dioxide (CO ₂)	Anne Oh	C&H Cleaners	2231 N Harbor Blvd	Fullerton	CA	92835-2601	714-526-2408
Water-Based	Pamela Nguyen	Stadium Cleaners	5694 Mission Center Rd Suite 601	San Diego	CA	92108-4355	760-757-2040
Water-Based	Omega Tjokrosurjo	Mountain 60 Cleaners	12345 Mountain Avenue Suite B	Chino	CA	91710	909-628-3962
Carbon Dioxide (CO ₂)	Robert Smerling	Brentwood Royal Cleaners	256-26th Street, Suite 100	Santa Monica	CA	90402	310-451-3663
Water-Based	Samir Michael	Jasmine Cleaners	1014 Huntington Dr	Duarte	CA	91010-2449	626-665-2087
Water-Based	Barry Mosohel	Del Rey Cleaners	310 Culver Blvd	Playa Del Rey	CA	90293-7704	310-382-0451
Water-Based	Chon Woo Kim	Family Cleaners	113 E. Manchester Blvd.	Inglewood	CA	90301	213-675-7373
Water-Based	Dat Duc Dinh	Crown Quality Cleaners	12415 Haster St	Garden Grove	CA	92840-4548	714-623-4306
Water-Based	Simon Djahanbani	Pico Cleaner Inc.	9150 W Pico Blvd	Los Angeles	CA	90035-1320	310-274-2431
Water-Based	Sergio Rios	Bob's Cleaners	777 23rd St	Richmond	CA	94804-1465	510-236-3471
Water-Based	Hyung Cho	Corte Madera Cleaners	143 Corte Madera Town Center	Corte Madera	CA	94925-1209	415-924-1973
Water-Based	Mohammad Ayari	Expert Cleaners	6615 Flanders Dr. Suite C	San Diego	CA	92121	858 414-0808
Water-Based	Ashwin Patel	Ace Quality Cleaners	4139 Riverside Dr	Chino	CA	91710-3183	909-628-5741
Water-Based	Daniel Jussicha	Ontario Cleaners	2598 S Archibald Ave Suite G	Ontario	CA	91761-6500	909-923-5116
Water-Based	Fariborz Daniel Nourian	Concord Cleaners	12920 Hawthorne Blvd Suite 105	Hawthorne	CA	90250-4408	310-251-5901
Water-Based	Loc T. Le	Knott's Cleaners	6971 Lincoln Avenue, Suite D	Buena Park	CA	90620	714-952-3913
Water-Based	Peter Jung	Plaza Cleaners	1730-F Ave De Los Arboles	Thousand Oaks	CA	91362	805-493-2715
Water-Based	Sun Ok Choi	Marina Village Cleaners	2415 Harbor Blvd	Ventura	CA	93001-3904	805-642-0445

**AB 998 Non-Toxic and Non Smog Forming Dry Cleaning Incentive Program
2007 Grant Award Recipients**

Technology	Owners Name	Business Name	Address	City	State	Zip Code	Phone No
Water-Based	Joong H Kim	Palms Cleaners	8499 Old Redwood #106	Windsor	CA	95492	707 838-0590
Water-Based	Hong S. Pak	Fiesta Cleaners	580 Gravenstein Hwy North	Sebastopol	CA	95472	707-823-0260
Water-Based	Peter Xu	Delight Cleaners	1281 W El Camino Real	Sunnyvale	CA	94087-1028	650-969-0469
Water-Based	Sung Lee	Hesperian Cleaners	15848 Hesperian Blvd	San Lorenzo	CA	94580	510-481-5825
Water-Based	Steve Worley	Apex Cleaners	437 S. Highway 101, Suite 107	Solano Beach	CA	92075	858-755-9183
Water-Based	Sassan Rahimzadeh	Arya Cleaners	750 Otay Lakes Rd	Chula Vista	CA	91910-6915	619-482-3010
Water-Based	Chad Boucher	Carr's Cleaners	500 E Main St	Turlock	CA	95380-1402	209-648-5811
Water-Based	Ri Vam Lam	Nancy's Cleaners	1730 Alpine Blvd, Suite #104	Alpine	CA	91901	619-445-9368
Water-Based	Jin Hak Pak	Artesia Cleaners	1221 Artesia Blvd. #102	Manhattan Beach	CA	90266	714-944-9223
Water-Based	Sung Oh Ham	Jet Cleaners	1736 Aviation Blvd	Redondo Beach	CA	90278-2810	310-372-9720
Water-Based	Lee Chong	Sunset Cleaners	1321 West Covina Pkwy	West Covina	CA	91790-2814	626-337-6416
Water-Based	Young Min Lee	HQ Cleaners	425 N Azusa Ave	West Covina	CA	91791-1348	626-858-0390
Water-Based	Hyun Kwang Hee	One Day Cleaners	11120 Downey Ave	Downey	CA	90241-3713	562-861-2198
Water-Based	Hung Su Kim	Seal Beach Cleaners	331 Main St	Seal Beach	CA	90740-6319	562-598-9990
Water-Based	John Norton	Nortons Cleaners	204 E Yorba Linda Blvd	Placentia	CA	92870-3417	714-524-7130
Water-Based	Young Kim	Sunny Brite Cleaners	3756 West Avenue 40, #J	Los Angeles	CA	90065	323 258-9222
Water-Based	Sung (Jeff) Yim	Amethyst Cleaners	2222 Michelson Drive, Suite 220	Irvine	CA	92612-1332	949-833-2672
Water-Based	Young Lee	Crown Cleaners	9665 Baseline Rd	Rancho Cucamonga	CA	91730-1314	909-944-8915
Water-Based	Joon Lee	One Hr. Nadar Cleaners	13429 Telegraph Rd	Whittier	CA	90605-3435	562-941-1186
Water-Based	Clara Kim	Ace Cleaners	1508 W Willow St.	Long Beach	CA	90810	949-838-7891
Water-Based	Bob Clarke	The Clothes Doctor	27132 Burbank	Foothill Ranch	CA	92610	949-206-1557
Water-Based	Tom Pham	Tempo Cleaners	820 Nogales St	Walnut	CA	91789-4170	626-965-9364
Water-Based	Maria D. Lopez	Costas Dry Cleaners	1216 S Dale Ave	Anaheim	CA	92804-4923	714-900-9552
Water-Based	Ajay Patel	Sai Cleaners	788 N Brea Blvd	Brea	CA	92821-3334	714-255-9751
Water-Based	Tuyet T. Nguyen	Alondra Cleaners	10941 E. Alondra Blvd	Norwalk	CA	90650	562-868-5653
Water-Based	Chol Won Kim	Albert's Cleaners	2948 Yorba Linda Blvd	Fullerton	CA	92831	714-993-0370
Water-Based	Hongdao Ong	Buckboard Cleaners	1465 E. Valley Blvd	Alhambra	CA	91801	626-284-5450
Water-Based	Dennis Phillips	Villasenor Draperies	2819 190th Street	Redondo Beach	CA	90278	310-546-1640
Water-Based	Hyun Sook Kong	Hilltop Cleaners	945 N. Michellinda Ave	Pasadena	CA	91107	626-351-9886
Water-Based	Nilsuda Stoler	Talyn Cleaners	10956 Los Alamitos Blvd	Los Alamitos	CA	90720	562-552-6401
Water-Based	Jung H. Suh	Blue Ravine Cleaners	196 Blue Ravine Road, Ste 100	Folsom	CA	95630	916-608-4488

**AB 998 Non-Toxic and Non Smog Forming Dry Cleaning Incentive Program
2008 Grant Award Recipients**

Technology	Owners Name	Business Name	Address	City	State	Zip Code	Phone No
Water-Based	Manoj Patel	Dry Clean Express	44260 10th St W	Lancaster	CA	93534-4134	661-942-4345
Water-Based	Karl Huie	Sunshine Cleaners	2631 Bridgeway #D	Sausalito	CA	94965	415 331-1515
Water-Based	Hyun Sook Lee	French Cleaners	4155 Piedmont Ave	Oakland	CA	94611-5109	510-912-1188
Water-Based	Savita B Sharma	Greener Dry Cleaners	1651 El Camino Real	Millbrae	CA	94030-1214	650-588-6147
Water-Based	Sarah Lee	Country Club Cleaners	2612 Watt Avenue	Sacramento	CA	95821-1348	916-482-6166
Water-Based	Ashiq A Lakhany	Practical Cleaners	3810 Rosecrans Street	San Diego	CA	92110	619-295-7118
Water-Based	Nam H. Le	USA Cleaners	3605 College Ave	San Diego	CA	92115	619-287-5968
Water-Based	Hwa Seop Lee	Sunny Fresh Cleaners	8849 Villa La Jolla Dr Suite 305	La Jolla	CA	92037-1965	858-395-3795
Water-Based	Steven R. Ackland	Superior French Cleaners	2006 W Bullard	Fresno	CA	93711	559-213-1895
Water-Based	Myung Suk Cha	Hills Cleaners	626 E. Holt Ave	Pomona	CA	91767	909-629-2211
Water-Based	Kwanok Sunwoo	Point Dume Cleaners	29169 Heather Cliff Rd. #108	Malibu	CA	90265	310-457-7961
Water-Based	Kyung Jin Min	Puente Hills Cleaners	17837 Colima Rd.	City of Industry	CA	91748	626-965-1858
Water-Based	Davis Lee	Clean 4 Less Cleaners	4028 Grand Avenue Suite D	Chino	CA	91710	909-591-6378
Water-Based	Jung IL Seo	Town Cleaners	20944 South Bloomfield Ave	Lakewood	CA	90715	562-865-3398
Water-Based	Bill Yim	La Cresta Cleaners	1687 Orange Avenue	Costa Mesa	CA	92627	714-345-4955
Water-Based	Timothy Tran	Rick's Cleaners	2360 Newport Blvd #E	Costa Mesa	CA	92627	949-642-9009
Water-Based	Cindy Le	LC Cleaners	19917 Beach Blvd	Huntington Beach	CA	92648-3705	714-536-4919
Water-Based	Yoon Tae Yeon	City Cleaners	224 Ocean Ave	Laguna Beach	CA	92651-2107	949-485-9788
Water-Based	Brain W Yu	JC's Cleaners	1331 E Carson St	Carson	CA	90745-1631	714-926-2175
Water-Based	Mina Mallari	Colony Cleaners	3872 Cross Creek Rd	Malibu	CA	90265-4933	310-456-6202
Water-Based	Ajay Shah	Continental Cleaners	11450 South St	Cerritos	CA	90703-6611	562-860-2930
Water-Based	Anh Nguyen	Edinger Cleaners	9064 Edinger Ave	Fountain Valley	CA	92708-1436	714-848-8678
Water-Based	David Sin	Elegant Cleaners	15741 Imperial Hwy	La Mirada	CA	90638-2510	714-323-6935
Water-Based	Christopher S. Ko	Fashion Award Cleaners	11304 Los Alamitos Blvd	Los Alamitos	CA	90720-3907	562-431-1180
Water-Based	Chong Taek Kim	Golden Hanger Cleaners	883 W Foothill Blvd	Upland	CA	91786-3727	909-982-1915
Water-Based	Thomas A. DePippo	Julies Natural Cleaners	12904 Harbor Blvd	Garden Grove	CA	92840-5809	714-530-8301
Water-Based	Sunnyu Park	Katies Village Cleaners	30520 Rancho California Rd	Temecula	CA	92591-3282	760-723-8782
Water-Based	Suk Im	One Day Cleaners	26012 Marguerite Pkwy Ste 1	Mission Viejo	CA	92692-3263	949-582-5305
Water-Based	Danny Kim	Regency Cleaners	1434 W Glenoaks Blvd	Glendale	CA	91201-1928	818-427-0018
Water-Based	Lawrence Lei	Fred's Cleaners	5152 Whitsett Ave	North Hollywood	CA	91607	818-505-0988
Water-Based	Kyoung Yong Ha	Palm Cleaners	10247 Magnolia Ave	Riverside	CA	92503	951-688-0450

**AB 998 Non-Toxic and Non Smog Forming Dry Cleaning Incentive Program
2009 Grant Award Recipients**

Technology	Owners Name	Business Name	Address	City	State	Zip Code	Phone No
Water-Based	Chilsung Sook Huh	Genuine Cleaners	5633 N. Rosemead Bl.	Temple City	CA	91780	626-451-0777
Water-Based	Dalmo Lee	Mission V. Holiday Cleaners	40093 Mission Blvd.	Fremont	CA	94539	510-386-1309
Water-Based	Johnny Essapour	Oakmore Cleaners	1717 Oakdale Road, Suite N	Modesto	CA	95355	209-526-5047
Water-Based	Augustine Chang	Fairfax French Cleaners	915 Lakeville Highway	Petaluma	CA	94952	707 769-8248
Water-Based	Chau Lieu/Jacklin Lieu	Camden Cleaners	5731 Camden Avenue	San Jose	CA	95124	408-267-4395
Water-Based	Yung Higbee	Ace Cleaners	8409 S. 8th Ave., Suite E	Inglewood	CA	90305	323-750-4077
Water-Based	Kyoung (Kim) Chan	Arden Plaza Cleaners	4373 Arden Way	Sacramento	CA	95864-3102	916-489-6545
Water-Based	Hassan Bahzadi	Blu White Cleaners	1161 Brittan Ave	San Carlos	CA	94070-3928	650-593-9734
Water-Based	Juan Carlos Munoz	Century Park Cleaners	3201 W Century Blvd	Inglewood	CA	90303-1409	310-863-1217
Water-Based	Dung Trinh	Clairemont Village Cleaners	3083 Clairemont Dr	San Diego	CA	92117-6802	619-276-4813
Water-Based	Yong Sim	Clean Look Cleaners	743 E Blithedale Ave	Mill Valley	CA	94941-1526	415-381-3927
Water-Based	Florentina/Segio Castro	Norvell Bass Cleaners	3323 State St	Santa Barbara	CA	93105-2623	805-687-8113
Water-Based	Yong Kwon Lee	Organic Cleaners	122 Pelton Center Way	San Leandro	CA	94577-4816	510-483-4232
Water-Based	Inwon Hwang/Ho Choe	Lakeside Cleaners	4211 Montgomery Dr	Santa Rosa	CA	95405-5306	707-888-3043
Water-Based	Robert P. Witko	One Hour Martinizing	8680 Navajo Rd Ste 105	San Diego	CA	92119-2049	619-466-6584
Water-Based	Stanley Ng	Royale Cleaners	4583 Clayton Rd	Concord	CA	94521-2848	925-689-8781
Water-Based	Ronald Radolph	Sierra Cleaners	11990 State Highway 88 Ste 2056	Jackson	CA	95642-9313	209-223-4279
Carbon Dioxide (CO2)	Miae & Young Chung	Nonpareil Cleaners	8624 Wilshire Blvd	Beverly Hills	CA	90211	310-652-0288
Water-Based	Florentina/Segio Castro	Norvell Bass Cleaners (2nd Gr)	3323 State St	Santa Barbara	CA	93105-2623	805-687-8113