

ChemScan Shipments and Installations

Potable Water

at 10/25/02

| <u>Location</u> | <u>Application</u> | <u>Systems</u> | <u>Operating Since</u> |
|---------------------------|-------------------------------|----------------|------------------------|
| Whiting, WI | Nitrate | 1 | 1/94 |
| LaCresenta, CA | Nitrate | 1 | 12/95 |
| Chino, CA | Nitrate | 1 | 2/97 |
| Glendale, AZ | Nitrate | 1 | 5/97 |
| Pomona, CA | Nitrate | 1 | 6/97 |
| Chippewa Falls, WI | Nitrate | 1 | 3/98 |
| Plover, WI | Nitrate | 2 | 9/97 |
| Portsmouth, NH | Nitrate | 1 | 12/97 |
| Santa Ana, CA | Nitrate | 1 | 2/98 |
| Orange County, CA | Nitrate | 1 | 2/98 |
| Suffolk County, NY | Iron | 1 | 11/98 |
| Silverado, CA | Nitrate | 1 | 12/98 |
| East Bay MUD, CA | Ammonia, %T | 3 | 6/98 |
| Pembroke Pines, FL | NOM, Color | 1 | 3/00 |
| King City, CA | Nitrate | 1 | 7/99 |
| Lake in the Hills, IL | Hardness, Barium | 1 | 6/01 |
| Sycuan, CA | Nitrate | 1 | 11/99 |
| Chino Basin Desalting, CA | Nitrate | 3 | 7/00 |
| Avondale, AZ | Nitrate | 1 | 10/99 |
| Livermore, CA | Nitrate | 2 | 6/00 |
| Wausau, WI | Ammonia, Chloramine, Chlorine | 1 | 1/01 |
| MWRA, MA | UV-254, UV spectra | 1 | 6/00 |
| Danville, IL | Nitrate | 1 | 1/01 |
| Jasper, IN | Nitrate, TOC, NOM | 1 | 10/01 |
| Monte Vista, CA | Nitrate | 1 | 10/00 |
| LADWP, CA | Ammonia, Chloramine, Chlorine | 2 | 11/01 |
| Santa Maria, CA | Nitrate | 1 | 8/01 |
| Oceanside, CA | Iron, Manganese | 1 | 10/02 |
| Salinas, CA | Nitrate | 2 | 8/01 |
| Los Altos, CA | Nitrate | 1 | * |
| Peoria, AZ | Nitrate, %T | 1 | 6/02 |
| Decatur, IL | Nitrate | 3 | 5/02 |
| Charleston, SC | Ammonia, Chloramine, Chlorine | 1 | 11/02 |
| Suffolk Co, NY | Nitrate | 1 | * |
| Oxnard, CA | Ammonia, Chloramine, Chlorine | 1 | * |
| Vernon, TX | Nitrate | 1 | * |
| Alameda County, CA | Ammonia, Chloramine, Chlorine | 2 | * |
| | Total | 48 | |

* Awaiting Startup

ChemScan Shipments and Installations

Municipal Wastewater

at 10/25/02

| <u>Location</u> | <u>Application</u> | <u>Systems</u> | <u>Operating Since</u> |
|------------------------------------|---|----------------|------------------------|
| Phoenix, AZ (BNR process) | Nitrate, Nitrite, Ammonia | 1 | 6/94 |
| West Basin, CA/Chevron | Ammonia (High and Low) | 1 | 4/95 |
| West Basin, CA/Mobil | Ammonia (High and Low) | 1 | 6/95 |
| Austin, TX | Nitrate, Nitrite, Ammonia, Phosphate | 1 | 1/96 |
| Tampa, FL | Nitrate, Ammonia | 2 | 5/96 |
| Park Rapids, MN | Nitrate, Ammonia, COD | 1 | 2/96 |
| Hurlburt Field, FL | Nitrate | 1 | 5/96 |
| Calgary, AB | Nitrate, Ammonia, Phosphate, %T | 6 | 6/96 |
| Largo, FL | Nitrate | 1 | 4/97 |
| Orlando, FL | Ammonia, Nitrate, Nitrite | 6 | 12/96 |
| 26 th Ward New York, NY | Nitrate, Ammonia | 1 | 11/98 |
| Edmonton, Alberta | Nitrate, Nitrite, Ammonia, %T | 2 | 5/98 |
| Gainesville, FL | Nitrate, Nitrite, Ammonia | 2 | 10/98 |
| Seoul, Korea | Nitrate, Nitrite, Ammonia | 4 | * |
| Seoul, Korea | Phosphate | 4 | * |
| South Cross Bayou, FL | Nitrate, Ammonia, Phosphate | 3 | 8/01 |
| Clark County (Las Vegas) NV | Ammonia, Nitrate, Nitrite, Phosp, %T | 1 | 5/99 |
| Havelock, NC | Nitrate | 1 | 5/99 |
| Phoenix, AZ (prechlor) | Ammonia, Nitrate, Nitrite | 3 | 2/00 |
| Scituate, MA | Nitrate, Ammonia | 1 | 6/00 |
| Alvarado, CA | Ammonia | 2 | * |
| Lexington, KY | Nitrate, Ammonia, Phosphate | 1 | 3/01 |
| Mesa, AZ | Nitrate, Nitrite, Ammonia, Phosphate | 1 | 6/01 |
| Gwinnett County, GA | Ammonia, Phosphate, COD | 2 | 12/00 |
| Dailon, China | Ammonia, COD | 1 | 4/02 |
| Regina, SK | Phosphate, %T | 1 | 10/01 |
| PoHang, Korea | Ammonia, Nitrate, Nitrite, TP | 1 | 9/01 |
| Hillsborough County, FL | Ammonia, Nitrate, Nitrite | 2 | 3/02 |
| West Palm Beach, FL | Nitrate, T.N., T.P. | 2 | * |
| Hampton Roads, VA | Ammonia, %T | 1 | 6/02 |
| Cobb County, GA | Ammonia, Phosphate | 1 | * |
| Jasper, AB | Nitrate, Nitrite, Ammonia, TSS | 1 | * |
| Banff, AB | Ammonia, Nitrate, Phosphate, TSS | 1 | * |
| Hilliard, FL | Nitrate, Nitrite, Ammonia, Phosphate | 1 | * |
| | | Total | 61 |

* Awaiting Start-up

ChemScan Shipments and Installations

Industrial & Miscellaneous

at 10/25/02

| <u>Location</u> | <u>Application</u> | <u>Systems</u> | <u>Operating Since</u> |
|----------------------------|--|----------------|------------------------|
| Betz Dearborn (OEM) | Cooling Water, Boiler Water | 60+ | 1991+ |
| NASA, Kennedy Space Center | Nutrient Solution | 1 | 6/92 |
| US Naval Academy | Nutrients in Seawater | 1 | 10/93 |
| Stillwater Mining Company | Nitrate in Mine Drainage | 2 | 1/95 |
| BWI Airport | Deicing Fluids | 1 | 10/95 |
| (x) Electronics, OH | Nickel, Copper (Process) | 2 | 12/96 |
| LG Industrial, Korea | Zinc | 1 | 1/97 |
| US Steel, IN | Chromium | 2 | 5/98 |
| US Army, SC | Hardness | 1 | 8/97 |
| US Army, SC | Phosphate, pH, Sulfite | 1 | 9/97 |
| Betz Dearborn (R&D) | Laboratory R&D | 1 | 6/98 |
| ASARCO, AZ | Copper in Ore Leachate | 2 | 12/98 |
| (x) Steel Mill, IN (Betz) | Molybdate | 1 | 7/99 |
| DuPont, Canada | Nitrate, Nitrite | 1 | 10/00 |
| Gaylord Container, LA | Molybdate | 1 | 3/00 |
| BP Refinery, IN | Polymer, Molybdate, PMA | 1 | 4/02 |
| Living Machines, NM | Ammonia, Nitrate, Nitrite, Phosphate, COD | 1 | 2/02 |
| Abbott Labs, IA | UV-0254 | 1 | 5/01 |
| PGI, NC (Betz) | Proprietary Water Treatment | 1 | 8/01 |
| Melrose Dairy, MN | Phosphate | 1 | 7/02 |
| Encasa Oil & Gas, NT | Hardness | 1 | * |
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| | Total | 84+ | |