

## FLOWMETER INSTALLATIONS

Owner/Site	# of Locations	Size m	Owner/Site	# of Locations	Size m
<b>ARGENTINA</b>			Yellow River Project-Qingdao		
IMPISA	1	2.7	<b>Small Hydro Res. Center</b>	1	
<b>AUSTRALIA</b>			Hang Zhou Ya Tai Xiao Water Station	5	1-3
<b>Snowy Mountain Hydro Authority</b>			<b>Beijing Water Conservancy Bureau</b>	5	5-20
Murray One	13	3-5	<b>Yang Zhuo Yong Lake Pump Storage Project</b>	2	3.0
<b>Melbourne Water</b>			Tibet	2	3.0
Werribee	1	5.2	<b>Gan Su Institute of Electric Power Test</b>	1	4.0
Western Treatment Plant	1		Lanzhou	1	4.0
<b>CIS</b>	1 Port.	5-50	<b>Qingdao Tap Water</b>	3	2.0
<b>Goulburn-Murray Water</b>			Qingdao	1	3
95 KM	1	50	Yain Tan Water Power Station	2	
<b>Rubicon</b>			Xi'an Water Supply Project	4	1
East Goulburn Main Channel	1	70	Liao Cheng Water Cons. District	1	4
<b>AUSTRIA</b>			China National Machinery Ing.	1	3
<b>Vorlberger Illwerke</b>			Tang He Reservoir	1	0.6-1.8
Schruns		2.0	Da Huo Fang Reservoir	1	
<b>BRAZIL</b>			YBRL Water Supply(North)	2	2-5
<b>Copel</b>			Tianjin	1	2
Segredo	4	5.5	Shui Kou Power Station	1	3
Corumba	3	2.1	Beijing River and Lake Admin	1	20
<b>GE Hydro</b>			<b>Tianjin Water Conserv. Bureau</b>		
Serra de Mesa	3		Tianjin Yin Luan	1	2
<b>CANADA</b>			<b>Xin Jiang</b>		
<b>Hydro Quebec</b>			Jiang-Su Great Canal Project	1	
Le Grande Complex, Quebec	36	6.0	<b>Qing He Power Plant</b>	1	
Bersimis 2	2	3.7	<b>Wan Jia Zhai</b>	8	
Manic 5	2	4.0	<b>Huai He Administrative Bureau</b>		
SEBJ, LG-2A	6	11	Jiang-Su Great Canal	1	100
Brisay	2	6.25	<b>COSTA RICA</b>		
<b>Saskatchewan Power Corp.</b>			<b>Instituto Costarricense de Electricidade</b>		
Nipawin Power Station, Saskatchewan	3	4.6	Ventanas, Garita	2	3
Island Falls	1	4.6x4.9	<b>DENMARK</b>		
Shand	1	2.1	<b>County of Jutland</b>		
<b>Newfoundland Hydro</b>			Lund Fjord	1	6
Bay D'Espoir	1	4	<b>City of Copenhagen</b>		
<b>Greater Vancouver Regional Sewer District</b>			Copenhagen Treatment Plant	1	5x3
North Vancouver	1	1.7	<b>FIJI</b>		
South Surrey	1	13.0 x 2.1	<b>Fiji Electrical Authority</b>		
Annacis Island WWTP	2	3.5, 4.8	Wailoa	1	2.6
Douglas Bridge/Still Creek	1	3.6	<b>FRANCE</b>		
Central Park	1	1.5	<b>Electricite de France</b>		
SS3	1	1.4 x 1.8	Portable	1	3
BI1	1	1.1	<b>CGE</b>		
NW3	1	2.7 x 1.7	Choisy	1	1.4
<b>Greater Vancouver Water District</b>			Mery	2	1.0
Coquitlam	1	3.1	<b>Alsthom Hydro</b>		
<b>City of Laval</b>			Grenoble	1	
Merigot	1	1.5	<b>GERMANY</b>		
<b>Quebec Urban Community</b>			<b>Wupperveraud</b>		
CSO Tunnels - Project 339	7	.9-2.1	Sewer Network	3	1.4-2.5
<b>ALCAN Smelters and Chemicals Ltd.</b>			<b>IGM</b>		
Kemano #6 & #8	2	1.5	Various Sites		Portable
Kemano #1, #2, #3, #4, #5, #7	1	8x2	<b>GHANA</b>		
<b>BC Hydro</b>			<b>Government of Ghana-Volta River Project</b>		
Burrard Power Plant	8	2.3	Akosombo Power Plant	1	7.3
<b>GE Canada</b>			<b>GREECE</b>		
Vatnsfell	2	4.5	<b>WCA</b>		
<b>CHILE</b>			Storm Channels	2	5-20
<b>Codelco Teniente</b>			<b>GUATEMALA</b>		
Coyo	5		<b>INDE</b>		
<b>CHINA</b>			Pueblo Viejo - Quixal	3	2.5-6.0
Beijing Second Water Source	1-5		<b>HONG KONG</b>		
Feng Man Power Plant	1	3	<b>New Territories</b>		
Yellow River Project - Qingdao	5	1-5	Stormwater Channels	10	1.5-152
Beijing East Water Water Conservancy Bureau	5		Kowloon Project Pipeline	1	9
Shi San Ling	4		<b>HUNGARY</b>		
Dan Jiang Kou Power Station	1	4	<b>Tiszalok Hydro Plant</b>	1	7.5x6.5
Shi Tou He Reservoir	1				
Guang Xi Water Supply Project	1				
YBRL (South)	1				
Ya'an Water Supply Project	1				
Si Chuan Institute of Power Test	1				

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<b>ICELAND</b>			Domura Power Station		
<b>Landsvirkjun</b>			<b>Toshiba</b>	1	2.8
Blanda	1	4.0	Yokohama	1	0.6
<b>INDIA</b>			Sakuma	1	3
<b>Kerala State Electricity Board</b>			<b>Japan Rail</b>		
Idukki	3	4.2	Ojija	1	4.0
<b>BHEL</b>			<b>Chubu Electric</b>		
Portable System	1		Nikengoya	1	1.6
<b>Bhira Hydro</b>			Akaishizawa	1.6	
Bhira Power Station	1	3.3	<b>MALAYSIA</b>		
<b>INDONESIA</b>			<b>National Electricity Board</b>		
<b>P.T. Inco</b>			Bersia, Kenering and		
Larona Station, Saraoko	3	2.7	Kenyir Power Stations	3	4.5
Balambano	1	5	Sungai Piah	1	1.75
<b>Way Sekampung Irrigation Project</b>			<b>NAMIBIA</b>		
Batutegi Dam	2	2.0	<b>NAM Power</b>		
<b>ITALY</b>			Ruacana		
<b>Edison</b>				3	3.0
St. Valentino	2	2.6	<b>THE NETHERLANDS</b>		
Mezzocorona Power Plant	4	2.6	<b>Rijkswaterstaat</b>		
Glorenza Power Plant	1	2.0-2.5	Various Channels		
Brunico Power Plant	1	3.5		9	60-100
Premesa Power Plant	2	.85-1.1	<b>NEW ZEALAND</b>		
Prati di Vizze Power Plant	2	1.0-1.5	<b>Electricity Corp. of New Zealand</b>		
Sonico Power Plant	4	1.3-1.7	Arapuni	6	2
Pozzologo Power Plant	2	0.8-1.1	Ohakuri	4	5.5
Cedogolo Power Plant	2	3.5	Tokaanu	1	2.6
Marlengo Power Plant	3	3.0-3.5	Aratiatia	2	5.5
Lucchini Siderurgica	2	3	Kaitawa	1	2.1
Cividate	2	3.2	Whakamaru	1	5.5
Cedegolo	1	3	Clyde	4	1.1-3.7
<b>ENEL</b>			Atiamuri	4	---
Venice	1 Port	3.2-20	Roxburgh	8	5
Northern Italy	1 Port	10-40	Kaitawa	5	---
Gallicano	2	2.5	Maraetai I	3	5
Villa Rinaldi	2	7.0	Aratiatia	4	5.5
Nervesa	1	20	Atiamura	4	5
Origo	1	15	Whakamaru	5	3.5
Croce del Gallo	1	9	Matahina	2	6
Canale Piave S. Croce	1	15	Rangipo	4	2.4
Ponte Giulio	2	3.5	Manapouri	7	3
Riva del Garda	2	2-3	Maraetai II	5	5
CRIS	1	2	<b>Watercare Services Ltd.</b>		
Torbole	2	4, 2.5	Ardmore No. 1 Aqueduct	1	2
Ampezzo	2	4	<b>NORWAY</b>		
Cedegolo	2	1	<b>Sintef</b>		
Bardi	2	1-6	Trondheim	1 Port.	2.0-9.5
Muschioso	2	1-4	<b>PAKISTAN</b>		
Quarto	2	1-6	<b>Sulzer, Escher Wyss</b>		
Marra	2	1.0	Tarbela Dam		
Palazzo	2	1.5		9	1.5-13
LePiane	2	1	<b>PANAMA</b>		
Cordenons	2	1.5	<b>Panama Canal Commission</b>		
Cagliari	2	1	Madden Power Station		
Suviana	2	1		3	2.5
Bargi	2	2, 2	<b>PHILIPPINES</b>		
Selvanizza	2	1.5	<b>San Roque Power Corp.</b>		
Capriati	2	1.25	San Roque		
Domodossola	1			1	8.2
San Bernardo	1		<b>PORTUGAL</b>		
Gravedona	2	.9, 1.3	<b>Companhia Portuguesa de Producao de Electricidade</b>		
Prestone	2	2.5, 2.1	Portable System	8	2.5-4.5
Lanzada	2	1.8, 1.4	Torrao	2	5
Gressony, Perreres	4	.4,.6,.68,.28	Crestuma	2	10x6
<b>Compagnia Italiana Montaggi Elettrici</b>			Fratel	2	4
Quero	1	2.5	Pracana	2	5
Arson	2	0.6-1.0	Miranda	2	4
La Guardia	1	1.0	Carrapatelo	1	5
San Bernardo	2	2.0	Regua	8	6
Palmiet	2	1.8-3.0	Crestuma	8	5x12
<b>JAPAN</b>			Pocinho	1	4
<b>Tokyo Electric Power Co.</b>			Picote	1	5
Saku,	2	4.0-4.6			
Tamahara	1	5.0			
Onogawa Power Station	1	10			
Inakoki Dam	1	1.5			
Minochi	1	7.0			

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<b>SAUDI ARABIA</b>			<b>North West Water Plc</b>		
SADAF	2	2.0	Thirlmere, Cumbria	1	2
Ar-Razi III	4	2.0	Watchgate Works, Cumbria	4	1-2
Seawater Cooling	90	1.6-2.0	Oswestry Works	3	1.0
SHARQ	2	2.0	Prescot Works, Liverpool	1	1.8
Chevron	2	2.0	McDowells, Motney Hill	1	3
<b>Al-Jubail Petrochemical Co.</b>			<b>The Environment Agency</b>		
Kemya Project	3	.9-2.0	Water Eaton, Nr Swindon	1	5.0
<b>National Industrialization Co. (NIC)</b>			Cranleigh Water, Guildford	1	13
Outstation #10	3	1.6	Lee Bridge, Walthamstow	1	22
<b>SOUTH AFRICA</b>			River Wey, Guildford	1	19
<b>Eskom</b>			River Loddon, Twyford	1	23
Drakensburg	3	2.2	River Ray, Islip	1	12
Palmiet	1	1.8	Alconbury Brook, Huntingdon	1	15
<b>SPAIN</b>			Anglian River Gipping	1	13
<b>Hidroelectrica Espanola</b>			Lower Cherwell	1	8
La Muela	3	3.1	Ellingham Mill	1	20
<b>SWEDEN</b>			Roxton Lock	Portable	-
<b>Swedish State Power Board</b>			Esher, River Mole	1	-
Alvkarleby Laboratory	2	3-5	Portable, E.A. Anglian	2	--
Alvkarleby Laboratory	1	20-150	Kingston, River Thames	1	90
Haarsele	1	3-5	Gigman	1	10
Krangede		5.0	Milford	1	1.8
Porjus P.S. U9	2		Alston	Portable	-
<b>SWITZERLAND</b>			Hartburn	Portable	-
<b>Lavey</b>			Otterburn	Portable	-
Lavey P.S.	1	8	Gigman Bridge, Wales	1	5
<b>Electrowatt</b>			Alston	1	25
Pradella-Martina PP	2	2.5	Stamfordham	1	5
<b>Ecole Polytechn Federale de Lausanne</b>			Hartburn	1	17
Lausanne	1	.6	Team Valley	1	5
<b>Swiss Federal Institute of Technology</b>			<b>Anglian Water</b>		
Zurich	3	.6	Immingham STW	1	0.7
Viest Alpine	1	1	Diss STW	1	.6
Tinizong, Desander	2	1.4-6	Stamford STW	1	.6
<b>Cleuson-Dixence</b>			Wells STW	1	.6
Tracouet	3	3.4	North Walsham STW	1	.6
<b>TAIWAN</b>			<b>Scottish Power</b>		
<b>Taiwan Power Corp.</b>			Cruachan	3	-
Mingtan Pump Storage Plant	1	6	Bonnington	2	2
<b>THAILAND</b>			Glenmoriston	2	2
<b>EGAT</b>			<b>Dublin Corporation, Ireland</b>		
Srinagarind	6	2-4	Rings End PS	1	
Sirikit	1	8.5	<b>UNITED STATES</b>		
Bhumibol Dam	1	4.5	<b>Acres American</b>		
<b>VENEZUELA</b>			North Hartland, Vermont		
<b>Edelca</b>			Adirondack Hydro Development Corp.		
Caroni River	1	100	South Glens Falls, New York		
Macagua II	14	9.5	Hudson Falls, New York		
Guri	6	6-10	Alabama Power Company		
<b>UNITED KINGDOM</b>			Jordan Dam, Alabama		
<b>Alcan Power &amp; Smelting</b>			Alaska Light and Power		
Power Station	2	1.5	Snohomish, Alaska		
<b>Thames Water</b>			Annex Creek		
Merton, London	1	2.5	Alaska Power Authority		
Hampton Ring Main	1	2.5	Bradley Lake, Alaska		
Coppermills Contact Tanks	2	2.0	Alaska Power Administration		
Hampton Contact Tanks	2	2.0	Snettisham, Alaska		
Charlton Sewer	1	3.5	ALCOA		
Finsbury Ring Main	1	2.5	Narrows, North Carolina		
Coppermills	4	2.1	Davenport, Iowa		
William Girling inlet	1	2.1	Allegheny County Sanitation		
Ashford Common Ring Main	1	2.9	Shallow-Cut Interceptors		
Kew Ring Main	1	2.9	Arizona Nuclear Power Project		
Ashford Common Reservoirs	2	2.3	91st Avenue, Arizona		
Crossness	1	5.0	Arizona Public Service		
<b>Severn Trent Water Plc</b>			Hassayampa Pump Plant		
Strongford, Stafford	1	3.0	Arkansas Power & Light		
Barnhurst STW	2		Rommel Dam, Arkansas,		
<b>National Power Plc</b>			Carpenter Dam, Arkansas		
Birmingham	3.0				
DRAX Power Station	1	5			
DRAX Power Station	9	3			

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<b>Arvin Edison Water Storage District</b> Turnout	1	2.1	<b>Chelan County PUD 1, Washington</b> Chelan Powerhouse	2	2.7
<b>Avista</b> Cabinet Gorge	1	5	<b>Chicago Bridge and Iron</b> Chicago, Illinois	1	.9
<b>Bedford County, Virginia</b> Bedford WWTP	2	.6	<b>Cincinnati MSD</b> Mill Creek WWTP	2	3x3.7
<b>Bergen County Utility Authority</b> WWTP		1.4x4.3	<b>City of Allen Park, MI</b> Sewers	2	.4,.6
<b>Burley Irrigation District</b> Southside Headworks	1	22	<b>City of Anderson, Indiana</b> Dewey Street CSO Morton Street CSO CSOs	1 1 2	2.4 2.7 1.2,1.4
<b>Butte Water District</b> Gridley, California	1	12.2	<b>City of Ann Arbor, MI</b> WWTP Outfall	1	1.4
<b>California Department of Water Resources</b> San Luis, California	8	3.2	<b>City of Aspen</b> Ruedi Dam, Colorado	1	1.4
William Warne	2	2.4	<b>City of Atlanta</b> Intrenchment Creek South River RM Clayton WWTP East Area CSOs	1 1 5 9	1.5 1.2 3-3.6 3-5.5
Alamo	1	3	<b>City of Austin, Texas</b> Crosstown Tunnel	1	2.1
SBVMWD Turnout	2	0.6-1.8	<b>City of Boulder</b> Lakewood, Colorado	4	.6-.7
Edmonston	2	4.2	<b>City of Buffalo</b> Bird Island, New York	2	2.7
CA Aqueduct Check 12 and Check 21	2	50	<b>City of Charlotte</b> Irwin Creek	1	1.4
Clifton Court	3	20-70	<b>City of Chattanooga, TN</b> Williams Street CSO	1	1.2
Montezuma Slough	1	70	<b>City of Chicago</b> Jardine Filtration Plant South Filtration Plant Jardine Filtered Water Line	10 1 2	2.6, 2.7 4.9 2.7x4.3
Wind Gap	4	2.9-3.8	<b>City of Detroit</b> Hubbell-Southfield CSO Puritan-Fenkell CSO 7 Mile CSO Fox Creek Van Dyke Evergreen Conner Creek Forebay DRI Fairview Conner Creek (7 Mile) Mt. Elliot & Palmer DRI Rosa Parks Hubbell-Southfield Oakwood Interceptor (Baby Creek) DRI Dubois Wetherby WWTP-SFE lines Frisbee Sewer Extension DRO-1 15 Mile	4 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	3.7-7.6 3.7 1.2-3.7 4.3 3.7 1.9 2.1 3.4 7.3 4.7 4.6 4.6 4.4 4.0 5.5 1.3-1.5 2.4 5.5 2.6,3.4
Wheeler Ridge	7	2.8	<b>City of Ecorse, MI</b>	1	.8x1.2
Buena Vista	8	2.8	<b>City of Fairfax, Virginia</b> Sewer	1	1.1
Oso	8	1.3-2.5	<b>City of Loveland</b> Loveland, Colorado	3	1.2
Pear Blossom	9	1.2-2.0	<b>City of Lynchburg</b> WWTP	1	.8
Devil Canyon	5	1.2-2.5			
Hyatt	6	2.9-3.4			
Thermolito	4	5.5-6.7			
Dos Amigos	6	3.8			
Delta	5	4.1-4.6			
North Bay Aqueduct	5	0.3-1.8			
Thermolito Diversion Dam	1	2.2			
Bakersfield Turnout	1	3.0			
Skinner Fish Facility	6	0.6-1.2			
Rialto	1	2.2			
Harvey O. Banks	3	4.6			
Devil Canyon 2nd Afterbay	1	3			
Pleasant Valley	1	4			
Mojave Siphon	4	3.6-5.5			
Coastal Branch, Phase II Devil's Den, Polonio Pass, Blueston	7	1-3			
<b>Catalyst Energy</b> Rio Bravo, California	1	2.5			
<b>Central Arizona Project/CAWCD</b> Pima Mine Road	4	0.8			
Villages at Desert Hills	2	.6-1.1			
Pump Plants, Arizona	15	13-3.6			
Turnouts	20	2.6-2.4			
City of Mesa Turnout	1	1.7			
New Magma 4	6	-			
Santa Rosa	7	2.1			
South and Central Main	2				
Scottsdale WTP	1	-			
San Xavier	1	.5			
Pump Plants	2	-			
West Pump Plant	4				
San Xavier II	1	.6			
Quintero	1	.3			
<b>Central Coastal Water Authority</b> Santa Ynez, California	1	.9			
<b>Central Utah Water Project/CUWCD</b> Olmsted, Utah	2.4				
Alpine Aqueduct, Idaho	1	1.1-1.3			
Reach 2	1	.9			
6 <sup>th</sup> Water District	1				
Spanish Fork	1	2x2			
Central Plant	1	6x3			



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<b>City of Nashville</b> Kerrigan CSO	2	.9,5.0	<b>Consolidated Hydro, ME</b> Aziscohos	1	1.8
<b>City of New Brunswick, NJ</b> WTP	1	1.4	<b>Contra Costa Water District, CA</b> Oakley	1	2-9
<b>City of Orlando</b> Water Conserv II, Florida	4	.6-3	Los Vaqueros	2	1.8
Western Regional WTP	1	1.4	Pump Plant 2	1	10
<b>City of Philadelphia</b> WWTP, Pennsylvania	2	3.7x2.6	<b>County of Los Angeles, CA</b> Rio Hondo	1	3.7
CSO Project	77	0.4-7.3	Santa Fe Spreading Rounds	2	.9x1.8, 2.1
Cottman Ave. CSO	1	2.7x2	DDI-23	2	4.3
<b>City of Phoenix</b> 23rd Ave. WWTP, Arizona	3	1.4-1.8	<b>County of Sacramento, CA</b> Sacramento River	1	100
91st Ave. WWTP, Arizona		1.4-1.5	<b>Denver Water Board, CO</b> Hillcrest	3	.9-1.2
<b>City of Portland</b> Well Field Discharge	1	1.5	Williams Fork	1	1.8
Columbia Blvd. WWTP	2	1.4	<b>Detroit Water &amp; Sewage Department</b> PC-732 Leib FM#1	1	
Columbia Blvd. WWTP	3	2	PC-732 Leib FM#2	1	
<b>City of Raleigh, North Carolina</b> Walnut Creek CSO	1	1.4	PC-732 Leib FM#3	1	
Crabtree Creek CSO	1	2.7	PC-731 St. Aubin FM#1 & FM#3	2	
Crabtree Creek	3	.8-9	<b>Douglas County PUD, WA</b> Wells, Unit 2	1	
<b>City of Redding, CA</b> Whiskeytown Power Station	1	1	Wells, Unit 3	3	6.9x13.6
<b>City of Sacramento, CA</b> Waste Water Treatment Plant	3	2.0-2.4	<b>Duke Power, NC</b> Bad Creek	4	3.0
Pioneer Interceptor	1	3.0	<b>East Bay Municipal Utilities District, CA</b> Camanche	5	0.6-2.5
Bradshaw Interceptor	2	2.7-3	Lafayette Plant	1	3
<b>City of Saginaw, MI</b> Weiss Street CSO	2	6.1x3.7	Orinda Filtration Plant	1	1.8-3.0
Emerson CSO	2	3.6	Walnut Creek	8	.7
Salt Fraser CSO	2	3.6-5.3	<b>Eastern Municipal Water District</b> Mills Turnout	3	.5-.8
Hancock CSO	1	3.4	Reach 4	1	1
<b>City of Salem, Oregon</b> Geren Island	1	5.8	<b>Energy Growth Partnership, CA</b> Forks of Butte	1	2
<b>City of San Diego, CA</b> Alvarado Reservoir	3	1-2	<b>Eugene Water &amp; Elec. Board</b> Trail Bridge	1	4
<b>City of San Francisco, CA</b> Moccasin Low Head	1	2.5	<b>Everglades National Park</b> Florida	4 Portable	--
Moccasin	4	2	Florida	2 Portable	--
Holm	1	2	Florida	5 Portable	--
Kirkwood	1	1.8-2.6	<b>Fairfax County, VA</b> Sewer	1	1.1
Lake Eleanor Tunnel	1	2.1x2.7	<b>Fairfield/Vacaville, CA</b> North Bay Reg, Water Treatment Plant	2	.8-1.2
Red Mountain Siphon	1	4.7	<b>Finch Pruyn</b> Glens Falls, New York	1	23
Tracy WTP	1	1.6x2.0	<b>Florida Sugar Cane League</b> Southern Florida	6	10-25
<b>City of San Jose, CA</b> WWTP	2	2.1-1.9x3	<b>Ford Motor Co.</b> Buffalo, NY	1	1.7
<b>City of Santa Clara, CA</b> Black Butte	1	3.6	<b>Fort Campbell, KY</b>	2	.8
<b>City of Scottsdale, Arizona</b> Scottsdale WTP	1	3.0	<b>Georgia Pacific Paper</b> River	1	91
<b>City of Seattle, WA</b> Cedar River	4	.7-9	Effluent Pipe	1	1.5
<b>City of Tacoma, CA</b> Wynoochee	1	3	<b>Georgia Power</b> Bartlett's Ferry	1	7.7
<b>City of Toledo, Ohio</b> Toledo WWTP	2	5.5	<b>Government of the District of Columbia</b> Blue Plains WWTP, Washington, DC	2	3.1
<b>Colorado Public Utilities</b> Clear Lake Dam, Colorado	1	0.8			
<b>Colorado Springs Utility</b> Tesla, Colorado	1	1.1			

# FLOWMETER INSTALLATIONS

Owner/Site	# of Locations	Size m	Owner/Site	# of Locations	Size m
N.E. Swirl Facility	5	1-6	North City Trunk Line	1	2.4
Blue Plains	2	16.5	Owens Valley	2	1.5, .7
<b>Grand River Dam Authority, OK</b>			<b>Lower Colorado River Authority</b>		
Pensacola	6	3.1	Irrigation Channels, Texas	3	5-23
Salina	6	3.5	<b>Manasquan River Regional Sewer Authority</b>		
<b>Grant County PUD, WA</b>			Gravity Line	1	1.1
Wanapum Dam	1	2.4	<b>Massachusetts Water Resources Authority</b>		
Quincy Chute	1	2.1	Somerville CSO, Massachusetts	1	3.1
<b>Green Mountain Power Company, VT</b>			Commercial Point CSO	1	3
Essex	4	2.7	Constitution Beach CSO	1	1
Gorge	1	4.3	Fox Point CSO	1	2.4X3
Middlesex	2	2.7	Cottage Farm CSO	1	1.5
<b>Gulf Alamo, TX</b>			Nut Island	3	1.7
San Antonio Aqueduct	1	20	Prison Point	1	1.5,2.4
<b>Hudson River-Black River Regulating District</b>			<b>Metropolitan Utilities District of Omaha</b>		
Stillwater, New York	1	8	Florence, Nebraska	4	1.2
<b>Idaho Power</b>			<b>M.W.D. of Salt Lake City</b>		
Hells Canyon, Idaho	1	4.6	A.J. Deans	2	1.2-1.8
C. J. Strike, Idaho	1	6.8	Little Cottonwood	1	1.8
American Falls, Idaho	2	5.5	Deer Creek	1	5
Brownlee, Oregon	2	7.7	<b>Metropolitan Water District of Southern California</b>		
Oxbow, Oregon	1	7.0	Lake Skinner, California	2	2.4-35
Milner Power Plant, Idaho	2	2.7-5.2	Yorba Linda	3	1.2-2.4
Brownlee	1	6	Colorado River Aqueduct	15	1.8-3
<b>Imperial Irrigation, CA</b>			Weymouth	1	0.3
Alamo River	1	30	Service Connections	4	1.2-1.8
All American Canal	1	50	Auld Valley Pipeline	3	1.2-1.8
<b>Inland Empire Paper Co.</b>			Mile 12 Siphon	2	3.6
Spokane River	1	13	Skinner Filtration Plant	2	2-3.9
<b>Iron Mountain-Kingsford, MI</b>			Lake Skinner, Etiwanda	6	1.2-3.7
Iron Mountain-Kingsford RTB	1	2.4	Gene, Eagle Mountain, Iron Mountain	6	3
<b>James River Paper Co., NH</b>			Lake Perris	1	1.2
James River	2	2.5	LA-35	1	2.3
<b>Jacksonville Electric Authority</b>			Jensen Filtration Plant	5	2.6-4.3
Buckman WWTP	1	3	Mills Filtration Plant	7	2-3
<b>Kansas City Power &amp; Light</b>			East side Pipeline	1	2.4
La Cygne Generating, Station Unit 2	2	3.5	Casa Loma Siphon	1	3.8
<b>Kaweah River Power Authority, CA</b>			Eastside West Dam Connecting Channel	1	5.0
Lake Kaweah Terminus Facility	2	1.1-3.0	Eastside P-1 Pump Plant	6	0.9-4.3
<b>Kern Water Bank</b>			Inland Feeder	1	4.3
Aqueduct Diversion	1	3.4	San Diego Canal Siphons	2	5.2
<b>Kimberly-Clark, AL</b>			Various	5	3
Coosa River	1	200	Hinds Pump Station	1	3
Coosa Pines	1	1.3	Lake Skinner	1	10
<b>King County, WA</b>			<b>Milner Irrigation District</b>		
Allentown Trunk Sewer	1	1.2	Main Pump Station	2	1.5
Alki	1	1.8	<b>Monterey County Flood Control, CA</b>		
Bryn Mawr	2	0.6, 0.9	Nacimiento	1	1.8
<b>Lake Gaston, VA</b>			San Antonio	1	2.0
Pea Hill	2	1.0	<b>Muskegon County</b>		
PSVBs	7	.4-1.1	Irrigation	2	1.7
<b>Los Angeles Department of Water and Power, CA</b>			<b>MWRD of Greater Chicago</b>		
Elderberry	1	4	Lockport, Illinois	2	5.5
LA Aqueduct South	1	20	<b>New England Power Corp.</b>		
Haiwee	1	2.5	Comerford, New Hampshire	2	3
East L.A. Trunkline	1	1.5	Bear Swamp, Vermont	2	3.4
ST-21 Turnout	2	1.1	Moore Station, New Hampshire	5	
Tujunga	3	.9-1.2	<b>New Hampshire Water Resources Board</b>		
North Hollywood	2	1.2-1.7	Lakeport Flume, New Hampshire	1	20
Control Gorge	1	2.7	<b>Newport News Water Authority</b>		
Upper Gorge	2	.9	Lee Hall WTP	10	.4-1.2
Castaic Power Plant	4	4.1	<b>New Jersey Water Supply Authority</b>		
Balboa Pump Station	4	.3-1.4	Round Valley	2	1.8



Owner/Site	# of Locations	Size m	Owner/Site	# of Locations	Size m
<b>New York City DEP</b>			<b>Pacific Gas and Electric, CA</b>		
Flushing Bay CSO	2	6.0	Potter Valley	1	2.5
Fresh Creek CSO	4.0		Helms	3	2.8
Cannonsville Dam	2	1.4-1.5	Pit 4	2	3.1
CS3 Vortex Facility	10	1.0-2.4	Grizzly	2	1.4-2.4
Hillview	1	4.5	J.B. Black	3	1.7
Bronx & Manhattan Grit Chambers	8	3.4-4.9	Kerkhoff 2	1	4.6
Delaware Aqueduct Shaft 9	1	4.2			
<b>New York Power Authority</b>			<b>Pennsylvania Power &amp; Light</b>		
Robert Moses	2	7.4	Susquehanna	4	2.4
Lewiston	3	6	Montour SES	3	1.1
<b>Niagara Mohawk Power Corp., NY</b>			<b>Philadelphia Electric, PA</b>		
School Street	5	2.5	Muddy Run,	1	4.3
Trenton Falls	3	2.0-3.0			
School Street	1	45	<b>Pierce County</b>		
Bennetts Bridge	2	2.4	Lake Tapps	1	2
Chasm	1	1.8			
Stewarts Bridge	1	6.7	<b>Portland General Electric, OR</b>		
Colton	1	4	Round Butte	1	3.9
Spier Falls	1	60	Boardman	1	1.5
Stewarts Bridge	1	6.7			
Bennetts Bridge	1	1	<b>Potomac Electric Power Co., MD</b>		
South Edwards	1	.5	Morganstown	3	2.3
<b>North Bergen, NJ</b>			<b>Ptarmigan Engineering, CO</b>		
WWTP	1	1.1	Vellecito	1	2.7
<b>Northeast Ohio Regional Sewer District</b>			<b>Puget Power</b>		
Westerly WWTP	2	1.5	Snoqualmie, Washington	2	3
Mill Creek CSO	1	2.7	White River, Washington	1	2.0-8.5
Southerly WWTP Lift Pump Line	1	1.5			
CSO	1	3	<b>Rochester Gas and Electric, NY</b>		
<b>Northeast Utilities, MA</b>			Station 5	3	4.3
Northfield Mountain	4	2.2			
<b>North Side Canal Co., WA</b>			<b>Rouge Program Office, MI</b>		
Northside Pipeline	1	1.3	Trinity-Tireman CSO	1	4.2
Main Canal, Station 1	1	23			
<b>Oakland County Drain Commission, MI</b>			<b>Sacramento Municipal Utilities District, CA</b>		
Acacia Park	1	2.5	Robbs Peak	1	3.1
Bloomfield Village CSO	2	1.7,2.4	Union Valley	1	3.1
Birmingham CSO	1	3.6x5.5	Slab Creek	1	1
<b>Occoquan Monitoring Lab</b>			<b>Sacramento Regional County Sanitation District</b>		
Occoquan Watershed	1		Branshaw Interceptor	2	3.5
<b>Oglethorpe</b>			<b>Safe Harbor Water Power Co., PA</b>		
Rocky Mountain, Georgia	4	3.3	Safe Harbor	3	7x5
<b>Omaha Metro Utility District</b>			<b>Salt Lake County Water Conservancy, UT</b>		
Florence Water	1	1	Jordan Valley WTP	2	1.8
<b>Orange County Water District, CA</b>			<b>San Bernardino Valley Municipal Water District, CA</b>		
Crill Basin	1	1.5	Santa Ana #3	1	1.0
Fountain Valley	1	6.0	<b>San Diego County Water Authority</b>		
Anaheim Lake	2	1.5	Elliot Flow Balancing	1	1.5
Anaheim Lake	3	1.1 - 1.9	Pipeline 5	1	2.7
Imperial	2	2.4	Ardmore Aqueduct	1	1.9
Five Coves	2	1.8	Twin Oaks Valley Div.	2	1.8,2.7
Burris Pit	1	1.7	<b>Seattle City Light</b>		
Warner Bypass	2	2.4	Gorge, Washington	4	3-4
Santiago Creek	1	1.1	Lucky Peak, Idaho	4	5-7
<b>Orange County Sanitation</b>			Boundary, Diablo, Ross	2	4.9-6.2
Fountain Valley WWTP	1	3.5	Washington	1	3.8
<b>PacifiCorp</b>			Boundary	1	6
Iron Gate, Washington	2	8-3.6	<b>Semitropic Water Storage District</b>		
Soda Springs	1	3.6	Kern County, California	1	2.0
J.C. Boyle, Oregon	2	3	<b>Sithe Energies</b>		
Pioneer	2	1.8	Hazelton, Idaho	3	2.7
Yale	2	3.7	<b>Somerset-Raritan Valley Sewerage Authority, NJ</b>		
Copco	3	4.3	Meter Chamber #4	1	0.7
			Sanitary Sewer Network	16	.4-1.4

# FLOWMETER INSTALLATIONS

Owner/Site	# of Locations	Size m	Owner/Site	# of Locations	Size m
<b>South Carolina Electric &amp; Gas</b>			Hiawatha, NY	2	1.4,1.2
Fairfield	4	7.9	Albeni Falls Dam	1	11
Wateree	3	.6-2.1	Carter's Dam	1	5.8
Canadys	1	1.5	Buford Dam	3	3-6.7
<b>South Florida Water Management District</b>			<b>U.S. Bureau of Reclamation</b>		
Various sites, Florida	19	12-10	Hoover Dam, Nevada	20	4-9
Various sites, Florida	1		Great Cut Pumping Plant, Colorado	2	1.2-2.1
<b>Southern California Edison</b>			Yuma Desalting Plant, Arizona	6	0.6-1.2
Big Creek 1, 2, 3, 4, 8	18	1-2.5	Upper Stillwater-Strawberry Tunnel, UT	4	0.6-3
Portal	1	2.7	Yuma Desalting Plant, Arizona	1	22
Mammoth Pool	2	2.5	Shoshone Canyon, Wyoming	4	0.9-3.6
Kern River	2	1.5	Grand Coulee Dam, Washington	3	5-10
Balsam Meadows	1	1.8	Davis Dam, Arizona	5	6.6
Dam 6	2	.3-1.5	Parker Dam, Arizona	4	6.6
Bishop	1	.7	Diversion Channels, Colorado	3	15
Shaver Lake	2	.25-1.3	Snyder Hill/Black Mountain/Tucson WTP	3	2.5
Huntington Reservoir	1	3	Waddell/CAP Bypass, Arizona	2	3
<b>Southwire, GA</b>			Headgate/Palo Verde, Nevada	2	20
Carrollton	4	.4-1.1	Senator Wash, California	1	3
<b>Stockton East Water District, CA</b>			San Xavier Turnout #1, Arizona	1	1.5
Farmington	3	1.8-4.4	Santa Rosa Turnout, Arizona	2	2.5
<b>Susquehanna Electric, PA</b>			Brawley/San Xavier Arizona	2	2.5
Conowingo	1	8.5	Jordanelle Dam, Utah	2	1-2
<b>Sverdrup Corp.</b>			Green Valley/San Xavier, Arizona	2	2.5
Wolfsen Bypass, California	1	25	Diversion Channels, Nevada	2	15
<b>Tacoma Public Utilities</b>			Towaoc Canal, Colorado	1	2.0
Cushman, Washington	2	2.7	Blythe, California	3	15-20
Cushman II, Washington	3	4.0	Montrose, California	6	1-8.5
Mossy Rock	2	6.0	Hoover Dam, Nevada	1	10
La Grande	4	1.5-4.3	New Melones, California	2	4.4
<b>Tapoco</b>			Glen Canyon Dam, Arizona	2	4.3
Calderwood, Tennessee	1	2	Keswick Dam, California	3	4.6x4.6
Santeetlah Dam, North Carolina	2	1.8	Roosevelt Dam, Arizona	1	5
<b>Tennessee Valley Authority, TN</b>			Shasta Dam, California	5	4.6
Raccoon Mountain	1	3	Car Dam, California	2	3
Ocoee	1 Port.	2.1-3.4	Farmington, Utah	1	4
Douglas	1	5.8	Strawberry Tunnel/Syar Turnout, Utah	1	1.0
<b>Texas A &amp; M</b>			Fontenelle, Utah	1	3.0
Corpus Christi	1	---	Flaming Gorge, Utah	4	2.7
<b>Tri Dam Project, CA</b>			Canyon Ferry, Montana	5	4.1
Donnells Power House	1	2	Anderson Ranch Dam, Idaho	1	2
Sand Bar	1	1.4	Folsom Dam, California	2	1.1
Beardsley Tunnel	1	2.4	Stony Creek Siphon, California	1	36
Tulloch Powerhouse	1	2.9	Yellowtail, Montana	4	2.8
<b>Turlock Irrigation District, CA</b>			Upper Molina, Colorado	1	.8
LaGrange	2	1.5-2.1	Roach Gulch Dam, Wyoming	1	1.5
<b>Twin Falls Canal Company</b>			Bighorn River	2	
Low Line Siphon	1	3	Lower Molina, Colorado	1	.8
<b>US Army</b>			Hoover Dam, NV	1	3
Arnold AFB	1	1.8	Tracy Fish Screen, California	1	30
<b>U.S. Army Corps of Engineers</b>			Grand Coulee-G3	Various	5
Nebraska	1 Port.	4.0-6.0	Palisades	1	4x5
Truman Dam, Missouri	1	50	Minidoka	1	5x6
Snake River, Washington	1	320	<b>US Generating</b>		
Little Dell Lake, California	3	1-1.5	Brayton Point, Massachusetts	5	.9
San Antonio, Texas	1	12	Manchester St.	3	1.2
Ft. Peck, Montana	5	4.3	<b>U.S. Geological Survey</b>		
Oahe Dam, South Dakota	7	7.3	Columbia River, Oregon	1	200
Lost Creek, Oregon	2	---	Columbia River, Oregon	1	400
Lower Granite	1	5.8x13	Willamette River, Oregon	1	275
Fort Randall, SD	8	6.7	Sacramento River, California	2	100
Garrison, ND	5	7.3	Alabama River, Alabama	1	80
Bonneville Dam-Fish Bypass, Oregon	1	0.9	Portable System, Oregon	1	60-100
Dalecarlia WTP, DC	2		Portable System, Washington	1	100
McMillan WTP, DC	3		Wisconsin	4	15-40
Chief Joseph Dam, WA	1	1.5x2.4	Portable Systems, Florida	20	20-50
			Wisconsin	1	30
			Texas	1	20
			West Trenton, New Jersey	1	20
			Illinois	2	10-20
			NSTL, Mississippi	150	150 Portable
			NSTL, Mississippi	10	10 Portable
			Sacramento, California	2	
			Trenton, NJ	1	
			<b>University of California</b>		
			Berkeley	2	---



<b>Owner/Site</b>	<b># of Locations</b>	<b>Size m</b>	<b>Owner/Site</b>	<b># of Locations</b>	<b>Size m</b>
<b>Utah Power and Light</b> Grace, Idaho	6	3.1			
<b>Virginia Power Company</b> Bath County	2	2.8			
<b>Washington Water Power</b> Cabinet Gorge, Idaho	4	8.3			
Noxon Rapids, Washington	4	3			
Monroe, Washington	1	4.3			
<b>Water Users Association</b> Yuma Siphon Drop, Arizona	2	3.2			
<b>Wayne County, MI, Dept. of Public Works</b> Redford CSO	2	1-2.1			
Inkster CSO	1	2.7			
P-1, RD-1	2	1.8-2.0			
Dearborn Heights CSO	1	2.7			
River Rouge CSO	1	2.4-2.7			
Wyandotte WWTP	2	3.0			
C-1 Oakwood Interceptor	1	1.7			
N. Huron P-1 P.S.	1	1.8			
Downriver Project	16	.9-1.7			
<b>Western Townships Utility Authority</b> FE-44, FE-45	2	1.2,1.5			
FE-16, FE-17	3	.8-1.2			