

WMA No. 4 - Summary of Water Diversion by Use Group (New Jersey)  
Table 1.16.1

NAME	BWA_PERMIT	1990-2000 TOTAL (MGY)	SOURCE	USE
<b>Use Group 1: Power Generation</b>				
GREAT FALLS HYDROELECTRIC CO.	4037PS	78162.94	S	EH
<b>Total</b>		<b>78162.94</b>		
<b>Use Group 2: Mining</b>				
<b>Total</b>		<b>0</b>		
<b>Use Group 3: Industrial</b>				
	1229D	0.26	G	D
ALFRED HELLER HEAT TREATING CO	10742W	8.261	G	J
BASF CORPORATION/CANCELLED	2261P	20.181	G	N
BERLEX LABORATORIES, INC.	10137W	5.644	G	N
BRANDYWIDE REALTY TRUST	2172P	0.251	G	N
CAPITAL CITY PRODUCT/CANCELLED	2382P	81.283	G	J
CURTISS-WRIGHT CORPORATION	2468P	7.33	G	X
DICKERSON DEVELOPMENT LLC	10311W	10.595	G	N
DUNDEE WATER POWER & LAND CO.	4006PS	4284.838	S	J
DYE-TEX CORP.	2416P	30.851	G	N
ENGELHARD INDUSTRIES	10928W	2.016	G	N
F.G. MONTABERT/CANCELLED	10010W	6.305	G	A
FALSTROM COMPANY, INC.	10626W	3.238	G	A
FARMLAND DAIRIES INC.	2246P	64.751	G	N
FISHER SCIENTIFIC CHEMICAL DIV	2370P	42.841	G	J
GANES CHEMICAL, INC.	2055P	48.922	G	N
GIBRALTAR PLASTICS CORPORATION	10127W	2.631	G	N
GIVAUDAN-ROURE CORP/CANCELLED	2092P	12.021	G	N
GRAND UNION CO/CANCELLED	2044P	0.735	G	A
GRANT CHEMICAL COMPANY	10051W	0.0096	G	N
HARRISON ALLOYS INC.	10974W	9.238	G	N
HONEYWARE INC.	2320P	30.748	G	J
IGA SUPERMARKET-BANKRUPT	10822W	0.076	G	A
INTERNATIONAL VEILING CORP.	10616W	2.64	G	N
ISP VAN DYK INC.	2073P	27.137	G	N
KALAMA CHEMICAL/CANCELLED	4025PS	146.657	S	J
MAPLE RIDGE ASSOC.	10376W	0.04	G	A
MARCAL PAPER MILLS, INC.	2100P	204.908	G	N
NABISCO INC.	2047P	103.196	G	J
NATIONAL STARCH & CHEM/CANCELL	2048P	11.747	G	J
NUTLEY TOWNSHIP	1229D	0.26	G	D
ORVAL KENT FOODS CO/CANCELLED	2093P	182.914	G	N
PENCO OF LYNDHURST/CANCELLED	2313P	9.25	G	J
PRUDENTIAL INS. CO.	10169W	8.354	G	N
ROCHE DIAGNOSTIC SYSTEM	10672W	3.813	G	J
ROCHE VITAMINS INC/CANCELLED	2233P	15.023	G	N
SAFER TEXTILE PROCESSING	10362W	0.006	G	N
SANDY ALEXANDER INC	2397P	35.7	G	J
SETON COMPANY - LEATHER DIV.	2247P	84.587	G	N
STEPAN CHEMICAL COMPANY	4041PS	478.587	S	J
SUN CHEMICAL CORP.	10001W	3.056	G	J
UNITED TECHNOLOGIES CORP.	2463P	9.572	G	X
<b>Total</b>		<b>6,000.47</b>		

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<b>Use Group 4: Commercial</b>				
ABUNDANT LIFE WORSHIP/CANCELLE	2016P	7.575	G	C
BASF CORPORATION	10330W	0.049	G	F
BELL ATLANTIC NJ	10555W	0.0007	G	C
BERGEN COUNTY DEPT. OF PARKS	2069P	7.866	G	R
WESTERN HILLS Y.M.C.A.	10358W	9.752	G	R
<b>Total</b>		<b>25.24</b>		
<b>Use Group 5:Public Supply</b>				
ALLENDALE BOROUGH WATER DEPT.	5092	101.963	G	P
BERGEN COUNTY DEPT. OF PARKS	2132P	6.761	G	O
CLARA MASS HOSPITAL	10336W	0.76	G	T
COLUMBUS HOSPITAL	10195W	0.0002	G	Z
DOMESTIC UNIFORM	10992W	2.186	G	P
ESSEX COUNTY UTILITIES AUTH.	2363P	162.707	G	P
ESSEX FELLS BOROUGH	5115	1.023	G	P
FAIR LAWN BOROUGH	5317	851.691	G	P
FLOYD HALL ENTERPRISES	11033W	0.255	G	P
GARFIELD WATER DEPARTMENT	5282	403.018	G	P
GLEN ROCK PUBLIC SCHOOLS	10366W	0.041	G	9
HALEDON BOROUGH WATER DEPT.	5196	275.506	S	P
HAWTHORNE BOROUGH	5234	843.859	G	P
HO-HO-KUS BOROUGH WATER DEPT.	5064	191.738	G	P
HOLLAND CHRISTIAN HOME	10866W	1.649	G	O
MAHWAH TOWNSHIP	5341	335.158	G	P
MERCK MEDCO MANAGED CARE, LLC	10112W	1.62	G	O
MONTCLAIR TOWNSHIP	5245	413.237	G	P
MOUNTAINSIDE HOSPITAL	2184P	33.899	G	P
NEWARK ASPHALT CORPORATION	10949W	0.04	G	Z
NUTLEY TOWNSHIP WELL	10875W	0.444	G	O
ORANGE WATER SERVICES	5077	179.381	G	P
PARK WEST MEADOWS CONDO ASSOC.	10435W	0.012	G	9
PASSAIC VALLEY WATER COMM.	5099	17323.561	S	P
private home wells	domestic	553.81	G	H
RAMAPO REG HS DIS BD OF ED.	10110W	0.116	G	9
RAMSEY BOROUGH	5076	205.749	G	P
RIDGEWOOD VILLAGE	5015	982.983	G	P
RIDGEWOOD VILLAGE	5016	288.664	G	P
RIDGEWOOD VILLAGE WATER SUPPLY	5014	1236.202	G	P
RIDGEWOOD VILLAGE WATER SUPPLY	5017	364.458	G	P
RONSON METALS CORP/CANCELLED	10514W	0.023	G	9
TILCON NY, INC.	10008W	1.31	G	M
UNITED WATER NEW JERSEY	5081	20.122	G	P
UNITED WATER NEW JERSEY	5082	530.49	G	P
UNITED WATER NEW JERSEY	5090	3027.397	S	P
UNITED WATER NEW JERSEY	5107	823.414	S	P
UNITED WATER NEW JERSEY	5107	4.317	G	P
UPPER SADDLE RIVER BD OF ED.	10181W	0.309	G	T
WALDWICK WATER DEPARTMENT	5250	351.937	G	P
<b>Total</b>		<b>29,521.81</b>		

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<b>Use Group 6: Irrigation</b>				
APPLE RIDGE GOLF COURSE	2408P	8.541	G	G
APPLE RIDGE GOLF COURSE	2408P	1.19	S	G
ARCOLA COUNTRY CLUB	2035P	2.035	G	G
BECTON DICKENSON & COMPANY	10696W	0.049	G	I
BERGEN CO. COMMUNITY COLLEGE	10573W	1.111	G	I
BERGEN CO. DIV. OF PARKS	10590W	5.135	G	G
ESSEX CO. PARKS & RECREATION	10468W	0.073	G	G
ESSEX COUNTY PARKS/CANCELLED	2354P	0.389	G	G
FAIR LAWN MEMORIAL CEMETERY	10150W	4.071	G	I
FOREST HILL FIELD CLUB	2268P	13.828	S	G
FOREST HILL FIELD CLUB	2268P	2.43	G	G
GLEN RIDGE COUNTRY CLUB	2267P	10.182	G	G
GREENBROOK COUNTRY CLUB	10815W	1.2467	G	G
HIGH MOUNTAIN GOLF CLUB	2063P	12.534	G	G
MONTCLAIR GOLF CLUB	2259P	27.295	G	G
MOUNT HEBRON CEMETERY ASSOC.	10432W	0.237	G	I
MOUNTAIN RIDGE COUNTRY CLUB	2263P	23.713	G	G
NORTH JERSEY COUNTRY CLUB	10404W	11.049	G	G
PARAMUS GOLF AND COUNTRY CLUB	2376P	16.834	G	G
PREAKNESS HILL COUNTRY CLUB	2297P	14.82	G	G
PREAKNESS HILL COUNTRY CLUB	2297P	4.426	-	G
PREAKNESS HILL COUNTRY CLUB	2297P	13.04	S	G
RENCO FINISHING COMPANY	11064W	1.782	G	I
RIDGEWOOD COUNTRY CLUB	2068P	60.264	G	G
ROBINHOOD CAR WASH	10782W	2.095	G	I
STEAM LEASING ASSOCIATES	10917W	12.431	G	I
SWEPCO TUBE CORP.	10624W	12.628	G	I
T-2 INCORPORATED	10826W	0.052	G	I
UPPER MONTCLAIR COUNTRY CLUB	2262P	31.877	G	G
UPPER RIDGEWOOD TENNIS CLUB	10099W	1.603	G	I
<b>Total</b>		<b>296.96</b>		
<b>Use Group 7: Agricultural</b>				
JOE JEFFERSON CLUB	10036W	1.509	G	Q
<b>Total</b>		<b>1.51</b>		

**WMA No. 4 - Description of Water Uses**  
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USE	USE_GROUP	CATEGORY	% Not Evaporated
-	5	not specified by BWA	0.00
?	5	not specified by BWA	
0	5	? (input error?)	
1	5	? (input error?)	
2	5	? (input error?)	
9	5	closed, use not given	
A	3	air conditioning	
B	5	bottling	
C	4	commercial (non-com)	
D	3	dewatering	
E	1	power generation	
EH	1	hydro power generation	1.00
ET	1	thermal power generation	
F	4	fire	
G	6	golf	0.10
H	5	domestic	
I	6	non-ag irrigation	0.10
J	3	cooling (industrial)	
K	2	mining	
L	1	geothermal/heat pump	1.00
M	5	medicinal value	
N	3	industrial	
NF	5	industrial - food processing	
O	5	public non-community	
P	5	public supply	
Q	7	aquaculture	
R	4	recreation (non-comm)	
S	7	general agriculture	0.10
SB	7	blueberries	0.10
SC	7	cranberries	0.10
SF	7	field crops	0.10
SG	7	greenhouse	0.10
SI	7	agriculture irrigation	0.10
SS	7	sod	0.10
ST	7	tree fruit	0.10
SV	7	vegetables, leaf crops	0.10
SX	7	christmas trees	0.10
T	5	institutional	
U	5	unused	
V	5	? (input error?)	
W	3	injection	
X	3	pollution control	
Y	5	desalination	
Z	5	other	