## SACRAMENTO COUNTY WATER AGENCY

2016 WATER QUALITY REPORT - ARDEN PARK VISTA, NORTHGATE & SOUTHWEST TRACT (See Note #1)

	urces Control Board (State	Board)									
			PHG OR			ARDEN PARK VISTA		NORTHGATE BANCE WEIGHTED		SWT (SEE #2)	
ONSTITUENT	SAMPLE DATE:	UNITS	(MCLG) or [MRDLG]	MCL OR [MRDL]	MAJOR SOURCES IN DRINKING WATER	RANGE (LO-HI)	WEIGHTED AVERAGE	RANGE (LO-HI)	WEIGHTED AVERAGE	RANGE (LO-HI)	WEIGHTE AVERAG
ORGANIC CONTAMINANTS	SAMPLE DATE:	UNITS	[WIKDLG]	[WIKDL]	MAJOR SOURCES IN DRINKING WATER	(LU-III)	AVERAGE	(LU-HI)	AVERAGE	(LU-HI)	AVERAC
Aluminum	2008 - 2015	PPM	0.6	1	Erosion of natural deposits; residue from some surface water treatment processes.	ND - 0.42	ND	ND	ND	ND	ND
Arsenic	2008 - 2016	PPB	0.004	10	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes.	ND - 2.8	ND	2.7 - 6	3.9	ND - 7	2.6
Barium	2008 - 2016	PPM	2	1	Discharges of oil drilling wastes and from metal refineries; erosion of natural deposits.	ND	ND	ND - 0.13	ND	ND - 0.26	ND
Chromium (Total Cr)	2008 - 2016	PPB	(100)	50	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits.	ND	ND	ND - 12	ND	ND - 12	ND
			( /								
					Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis,						
Hexavalent Chromium	2014 - 2016	PPB	0.02	10	refractory production, and textile manufacturing facilities; erosion of natural deposits.	ND - 5	2.4	6.2 - 9.6	8.9	ND - 10	4.9
Flooride (Natural Course)	2000 2040	PPM	4	2	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.	ND 0.00	ND	044 047	0.40	ND	ND
Fluoride (Natural Source)	2008 - 2016	PPIVI	1	2	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural	ND - 0.26	ND	0.14 - 0.17	0.16	ND	ND
Nitrate (as N)	2014 - 2016	PPM	10	10	deposits.	ND - 5.3	1.60	0.5 - 2.9	1.0	ND - 7	3.5
EGULATED ORGANIC CHEMICALS										L	
Carbon Tetrachloride	2016	PPT	100	500	Discharge from chemical plants and other industrial activities.	ND	ND	ND	ND	ND - 530	ND
Tetrachloroethylene (PCE)	2016	PPB	0.06	5	Discharge from factories, dry cleaners and auto shops (metal degreaser).	ND	ND	ND	ND	ND - 0.94	ND
Trichloroethylene (TCE)	2016	PPB	1.7	5	Discharge from metal degreasing sites and other factories.	ND	ND	ND	ND	ND - 1.1	ND
ADIOACTIVE CONTAMINANTS											
Gross Alpha Activity	2006 - 2016	pCi/L	(0)	15	Erosion of natural deposits.	ND - 3.6	ND	ND - 7.95	ND	ND - 10.8	5.3
3 Uranium	2006 - 2016	pC/L	0.43	20	Erosion of natural deposits.	ND - 1.8	ND	ND - 4.1	1.35	ND - 6.3	3.2
Radium 228	2006 - 2008	pCi/L	0.019	n/a	Erosion of natural deposits	ND - 1.98	ND	ND	ND	ND - 1.35	ND
STRIBUTION SYSTEM											
Chlorine Residuals	2016	PPM	[4]	[4.0]	Drinking water disinfectant added for treatment.	0.82 - 1	0.89	0.66 - 1.67	1.13	0.39 - 1.85	0.74
4 Total Trihalomethanes	2014 - 2016	PPB	n/a	80	Byproduct of drinking water disinfection.	ND	ND	ND - 3.8	1.3	5.2	5.2
5 Haloacetic Acids	2014 - 2016	PPB	n/a	60	Byproduct of drinking water disinfection.	ND	ND	ND - 4	1.6	ND	ND
					Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer						
6 Fluoride (Treatment Related- Distri	bution) 2016	PPM	1	2	and aluminum factories.	0.72 - 0.86	0.82	NA	NA	NA	NA
CROBIOLOGICAL CONTAMINANTS						LEVEL	. FOUND	LEVEL	FOUND	LEVEL	FOUND
7 Total Coliform Bacteria	2016	# of Positive Samples	(0)	>1	Naturally present in the envirionment.	0		0		0	
FCONDARY STANDARDS - Aestheti		Jampies	(0)	21	reacularly present in the environment.		Park Vista	_	hgate	_	est Tract
stablished by the State Water Resor		Board)				RANGE	WTD. AVG.	RANGE	WTD. AVG.	RANGE	WTD. A
8 Aluminum	2008 - 2015	PPB	n/a	200	Erosion of natural deposits; residual from some surface water treatment processes	ND - 420	ND ND	ND	ND ND	ND	WID. A
9 Color	2008 - 2016	Units	n/a	15	Naturally-occurring organic materials.	ND - 5	0.25	ND - 20	0.03	ND - 5	0.0
Iron	2008 - 2016	PPB	n/a	300	Leaching from natural deposits; industrial wastes.	ND	ND	ND	ND.	ND - 290	ND
Manganese	2008 - 2016	PPB	n/a	50	Leaching from natural deposits.	ND	ND	ND	ND	ND - 61	ND
10 Odor-Threshold	2008 - 2016	Units	n/a	3	Naturally-occurring organic materials.	ND	ND	ND - 4	ND	ND	ND
Turbidity	2008 - 2016	Units	n/a	5	Soil runoff.	ND	ND	ND - 0.65	0.11	ND - 1.2	ND
Total Dissolved Solids	2008 - 2016	PPM	n/a	1000	Runoff/leaching from natural deposits.	90 - 310	180	176 - 490	325.7	65 - 450	276
Specific Conductance (E.C.)	2014 - 2016	umhos/cm	n/a	1600	Substances that form ions when in water; seawater influence.	82 - 460	261	250 - 710	476	96 - 700	402
Chloride	2014 - 2016	PPM	n/a	500	Runoff/leaching from natural deposits; seawater influence.	2.1 - 25	8.3	18 - 76	44	ND - 77	22
Sulfate	2008 - 2016	PPM	n/a	500	Runoff/leaching from natural deposits; industrial wastes.	2.7 - 24	10.1	3.9 - 29	15.9	ND - 40	17
	2008 - 2016	AL			Runon/leaching from natural deposits, industrial wastes.	11 - 12	10.1	3.9 - 29	11.75	NR NR	NR
Aggressive Index	2006 - 2014	AL	n/a	non-corrosive	Natural or industrially-influenced balance of hydrogen, carbon and oxygen in the water; affected	11 - 12	12	11 - 12	11./5	INK	INK
Corrosivity (Langelier Index at 60°	C) 2006 - 2014	LI	n/a	non-corrosive	by temperature and other factors.	-1.3 / 0.2	-0.3	-0.5 / 0.94	0.33	NR	NR
THER CONSTITUENTS ANALYZED											
pH	2008 - 2016	Units	n/a	MO		7.5 - 8.1	7.9	7.8 - 8.1	7.96	NR	NR
Total Hardness (as CaCO3)	2008 - 2016	PPM	n/a	MO	Due to chemicals naturally occuring in the soil below the earth's surface.	33 - 220	106	71 - 350	189.3	40 - 360	185
Total Hardness (as CaCO3)	2008 - 2016	Grains	n/a	MO	Due to chemicals naturally occuring in the soil below the earth's surface.	2 - 13	6	4 - 20.5	11.1	2 - 21	10.8
Total Alkalinity (as CaCO3)	2008 - 2016	PPM	n/a	MO	Due to chemicals naturally occuring in the soil below the earth's surface.	40 - 170	105	74 - 250	158.8	NR	NR
Bicarbonate (as HCO3)	2008 - 2016	PPM	n/a	MO	Due to chemicals naturally occuring in the soil below the earth's surface.	49 - 200	132	90 - 300	189.1	NR	NR
Sodium		2011	n/a	MO	Due to chemicals naturally occuring in the soil below the earth's surface.	3.7 - 15	9.3	23 - 33			17
Calcium	2008 - 2016	PPM		MO	Due to chemicals naturally occuring in the soil below the earth's surface.		23		28.2	3 - 29	NR
Galolulli	2008 - 2016 2008 - 2016	PPM	n/a	IVIO	Due to chemicals naturally occurring in the soil below the earth's surface.	5.7 - 41		14 - 63	28.2 35	3 - 29 NR	
				MO	Due to chemicals naturally occurring in the soil below the earth's surface.  Due to chemicals naturally occurring in the soil below the earth's surface.		13		35		NR
Magnesium	2008 - 2016	PPM	n/a n/a		, ,	5.7 - 41 4.5 - 28		14 - 63		NR	NR
Magnesium	2008 - 2016	PPM			, ,	4.5 - 28		14 - 63 8.7 - 47	35	NR NR	NR MBER
Magnesium	2008 - 2016 2008 - 2016	PPM	n/a	МО	, ,	4.5 - 28 <b>NUM</b> I	13	14 - 63 8.7 - 47 <b>90TH %</b>	35 24.7	NR NR	
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT	2008 - 2016 2008 - 2016 SAMPLE DATE	PPM PPM UNITS	PHG or (MCLG)	ACTION LEVEL	Due to chemicals naturally occuring in the soil below the earth's surface.  MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial	4.5 - 28 NUMI SAN	13 BER OF IPLES	14 - 63 8.7 - 47 <b>90TH %</b> <b>DETE</b>	35 24.7 <b>6 LEVEL</b> <b>ECTED</b>	NR NR	MBER
Magnesium EAD & COPPER (See Note 11)	2008 - 2016 2008 - 2016 SAMPLE	PPM PPM	n/a PHG or	MO ACTION	Due to chemicals naturally occuring in the soil below the earth's surface.  MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.	4.5 - 28 NUMI SAN	13 BER OF	14 - 63 8.7 - 47 <b>90TH %</b> <b>DETE</b>	35 24.7 <b>6 LEVEL</b>	NR NR	MBER
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead	2008 - 2016 2008 - 2016 SAMPLE DATE	PPM PPM  UNITS  PPB	PHG or (MCLG)	ACTION LEVEL	Due to chemicals naturally occuring in the soil below the earth's surface.  MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from	4.5 - 28  NUMI SAN	13 BER OF IPLES	14 - 63 8.7 - 47 90TH % DETE	35 24.7 <b>6 LEVEL</b> <b>ECTED</b>	NR NR NUM EXCEE	MBER DING AL
Magnesium EAD & COPPER (See Note 11) CONTAMINANT	2008 - 2016 2008 - 2016 SAMPLE DATE	PPM PPM UNITS	PHG or (MCLG)	ACTION LEVEL	Due to chemicals naturally occuring in the soil below the earth's surface.  MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.	4.5 - 28  NUMI SAN	13 BER OF IPLES	14 - 63 8.7 - 47 90TH % DETE	35 24.7 <b>6 LEVEL</b> <b>ECTED</b>	NR NR NUM EXCEE	MBER
Magnesium EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper	2008 - 2016 2008 - 2016 SAMPLE DATE 2016 2016	PPM PPM  UNITS  PPB	PHG or (MCLG)	ACTION LEVEL 15	Due to chemicals naturally occuring in the soil below the earth's surface.  MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from	4.5 - 28 NUMI SAN	BER OF IPLES  35	14 - 63 8.7 - 47 90TH % DETE	35 24.7 <b>6 LEVEL</b> <b>ECTED</b>	NR NR NUM EXCEE	MBER DING AL
Magnesium EAD & COPPER (See Note 11)  CONTAMINANT  Lead	2008 - 2016 2008 - 2016 SAMPLE DATE	PPM PPM UNITS PPB PPM	n/a  PHG or (MCLG)  (0.2)  (0.3)	ACTION LEVEL	Due to chemicals naturally occuring in the soil below the earth's surface.  MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.	4.5 - 28 NUMI SAN	13 BER OF IPLES	14 - 63 8.7 - 47 90TH % DETE	35 24.7 <b>6 LEVEL</b> <b>ECTED</b>	NR NR NUM EXCEE	MBER DING AL  1
Magnesium EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper	2008 - 2016 2008 - 2016 SAMPLE DATE 2016 2016	PPM PPM UNITS PPB PPM	n/a  PHG or (MCLG)  (0.2)  (0.3)	ACTION LEVEL 15	Due to chemicals naturally occuring in the soil below the earth's surface.  MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial	A.5 - 28  NUMI SAN	BER OF IPLES  35	14 - 63 8.7 - 47 90TH 9 DETE	35 24.7 <b>6 LEVEL</b> <b>ECTED</b>	NR NR NUM EXCEE	MBER DING AL  1
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead	2008 - 2016 2008 - 2016 SAMPLE DATE 2016 2016 2016	PPM PPM  UNITS  PPB  PPM  PPB  PPB	n/a  PHG or (MCLG)  (0.2)  (0.3)	MO  ACTION LEVEL  15  1.3	Due to chemicals naturally occuring in the soil below the earth's surface.  MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from	A.5 - 28  NUMI SAN	13 BER OF IPLES 35 35	14 - 63 8.7 - 47 90TH 9 DETE	35 24.7 6 LEVEL ECTED ND	NR NR NUM EXCEE	MBER DING AL  1 0
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead	2008 - 2016 2008 - 2016 SAMPLE DATE 2016 2016 2016	PPM PPM  UNITS  PPB  PPM  PPB	n/a  PHG or (MCLG)  (0.2)  (0.3)	MO  ACTION LEVEL  15  1.3	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufacture; erosion of natural deposits; leaching from manufacture; erosion of natural deposits; leaching from industrial manufacture; erosion of natural deposits.	4.5 - 28 NUMI SAN	13 BER OF IPLES 35 35	14 - 63 8.7 - 47 90TH 9 DETE	35 24.7 6 LEVEL ECTED ND	NR NR NUM EXCEE	MBER DING AL  1 0
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper	2008 - 2016 2008 - 2016  SAMPLE DATE  2016 2016 2016 2016 2016 2016	PPM PPM  UNITS PPB PPM PPB PPB	r/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)	MO  ACTION LEVEL  15  1.3  15  1.3  15	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from	A.5 - 28  NUMI SAN	13 BER OF IPLES 35 18 18	14 - 63 8.7 - 47 90TH 9 DETE	35 24.7 6 LEVEL ECTED ND .19	NR NR NUM EXCEE	MBER DING AL  1 0 0 0
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper	2008 - 2016 2008 - 2016  SAMPLE DATE  2016  2016  2016  2016  2016  2016  2016	PPM PPM  UNITS PPB PPM PPB PPM PPB PPM PPB	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)	MO  ACTION LEVEL  15  1.3  15  1.3  15  1.3	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufacture; erosion of natural deposits; leaching from manufacture; erosion of natural deposits; leaching from industrial manufacture; erosion of natural deposits.	A.5 - 28  NUMI SAN	13 BER OF IPLES 35 18	14 - 63 8.7 - 47 90TH 9 DETE	35 24.7 6 LEVEL ECTED ND .19	NR NR NUM EXCEE	MBER DING AL  1 0 0
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper	2008 - 2016 2008 - 2016  SAMPLE DATE  2016  2016  2016  2016  2016  2016  2016  2016  NITORING RULE (UCMR 3)	PPM PPM  UNITS PPB PPM PPB PPM PPB PPM PPB	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)	MO  ACTION LEVEL  15  1.3  15  1.3  See 12)	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from	A.5 - 28  NUMI SAN	13 BER OF IPLES 35 18 18 5	14 - 63 8.7 - 47 90TH 9 DETE	35 24.7 6 LEVEL ECTED ND .19 .36	NR NR NUM EXCEE	MBER DING AL  1 0 0 0 0
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead	2008 - 2016 2008 - 2016  SAMPLE DATE  2016  2016  2016  2016  2016  2016  2016  2016  SAMPLE  2016	PPM PPM  UNITS PPB PPM PPB PPM PPB PPM PPB PPM PPB PPM	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (	MO  ACTION LEVEL  15  1.3  15  1.3  See 12) Notification	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household blumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.	4.5 - 28  NUMI SAN	13 BER OF IPLES 335 18 18 5	14 - 63 8.7 - 47 90TH 9 DETE	35 24.7 6 LEVEL ECTED ND .19 ND .36 ND	NR NR NUM EXCEE	MBER DING AL  1 0 0 0 0 0 est Tract
Magnesium EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  DONTAMINANT MODONTAMINANT MODONTAMINANT	2008 - 2016 2008 - 2016  SAMPLE DATE  2016 2016 2016 2016 2016 2016 2016 201	PPM PPM UNITS PPB PPM PPB PPM PPB PPM UNITS PPB PPM PPM	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (PHG	MO  ACTION LEVEL  15  1.3  15  1.3  See 12)  Notification Level	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from	Arden F	BER OF IPLES  335  18  5  Park Vista WTD. AVG.	14 - 63 8.7 - 47 90TH 9 DETE	35 24.7 6 LEVEL ECTED ND .19 ND .36 ND	NR NUM EXCEE	MBER DING AL  1  0  0  0  0  est Tract WTD. A
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead	2008 - 2016 2008 - 2016  SAMPLE DATE  2016  2016  2016  2016  2016  2016  2016  2016  SAMPLE  2016	PPM PPM  UNITS PPB PPM PPB PPM PPB PPM PPB PPM PPB PPM	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (	MO  ACTION LEVEL  15  1.3  15  1.3  See 12) Notification	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household blumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.	4.5 - 28  NUMI SAN	13 BER OF IPLES 335 18 18 5	14 - 63 8.7 - 47 90TH 9 DETE	35 24.7 6 LEVEL ECTED ND .19 ND .36 ND	NR NR NUM EXCEE	MBER DING AL  1 0 0 0 0 0 est Tract
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  NREGULATED CONTAMINANT MODONTAMINANT	2008 - 2016 2008 - 2016  SAMPLE DATE  2016 2016 2016 2016 2016 2016 2016 201	PPM PPM UNITS PPB PPM PPB PPM PPB PPM UNITS PPB PPM PPM	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (PHG	MO  ACTION LEVEL  15  1.3  15  1.3  See 12)  Notification Level	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE	Arden F	BER OF IPLES  335  18  5  Park Vista WTD. AVG.	14 - 63 8.7 - 47 90TH 9 DETE	35 24.7 6 LEVEL ECTED ND .19 ND .36 ND	NR NUM EXCEE	MBER DING AL  1  0  0  0  0  est Tract WTD. A
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  NREGULATED CONTAMINANT MODONTAMINANT	2008 - 2016 2008 - 2016  SAMPLE DATE  2016 2016 2016 2016 2016 2016 2016 201	PPM PPM UNITS PPB PPM PPB PPM PPB PPM UNITS PPB PPM PPM	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (PHG	MO  ACTION LEVEL  15  1.3  15  1.3  See 12)  Notification Level	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household blumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.	Arden F	BER OF IPLES  335  18  5  Park Vista WTD. AVG.	14 - 63 8.7 - 47 90TH 9 DETE	35 24.7 6 LEVEL ECTED ND .19 ND .36 ND	NR NUM EXCEE	MBER DING AL  1  0  0  0  0  est Tract WTD. A
Magnesium EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  DONTAMINANT MODONTAMINANT MODONTAMINANT	2008 - 2016  SAMPLE DATE  2016	PPM PPM UNITS PPB PPM PPB PPM PPB PPM UNITS PPB PPM PPM	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (PHG	MO  ACTION LEVEL  15  1.3  15  1.3  See 12)  Notification Level	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household blumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE	Arden F	BER OF IPLES  335  18  5  Park Vista WTD. AVG.	14 - 63 8.7 - 47 90TH 9 DETE	35 24.7 6 LEVEL ECTED ND .19 ND .36 ND	NR NUM EXCEE	MBER DING AL  1  0  0  0  0  WTD. A
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Co	2008 - 2016  SAMPLE DATE  2016	PPM PPM  UNITS PPB PPM	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (PHG n/a	15 1.3 15 1.3 15 1.3 15 1.0 15 1.0 15 1.0 15 1.0 15 1.0 15 1.0 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE  Some people who drink water containing dichlorodifluoromethane far in excess of the notification level may experience neurological and cardiac effects. Long-term exposures to dichlorodifluoromethane resulted in smaller body weight in laboratory animals.  Some people who use water containing 1,2,3-trichloropropate in excess of the notification level	Arden F RANGE	BER OF IPLES 335 335 335 335 335 335 335 338 337 338 338 338 338 338 338 338 338	14 - 63 8.7 - 47 90TH 9 DETE	35 24.7  6 LEVEL ECTED  ND .19  ND .36  ND .054  chigate WTD, AVG.	NR NR NUM EXCEE	MBER DING AL  1  0  0  0  0  WTD. A
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  Copper  Copper  Copper  Copper  Copper  NREGULATED CONTAMINANT MONODITAMINANT  Chloroform (Trichloromethane)	2008 - 2016 2008 - 2016  SAMPLE DATE  2016	PPM PPM  UNITS PPB PPM	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (PHG n/a	15 1.3 15 1.3 15 1.3 15 1.3 15 1.3 16 1.3 17 1.3 18 19 19 10 10 11 11 11	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE  Some people who drink water containing dichlorodifluoromethane far in excess of the notification level may experience neurological and cardiac effects. Long-term exposures to dichlorodifluoromethane resulted in smaller body weight in laboratory animals.  Some people who use water containing 1,2,3-trichloropropate in excess of the notification level over many years may have an increased risk of getting cancer, based on studies in laboratory	Arden F RANGE NR	13 BER OF IPLES 335 345 348 55 5 Park Vista WTD. AVG. NR	14 - 63 8.7 - 47 90TH 9 DETE 0 0 Nort RANGE NR	35 24.7  6 LEVEL ECTED  ND .19  ND .36  ND .36  ND .ND .ND .ND .ND .ND .ND .ND .ND .ND	NR NR NUM EXCEE	MBER DING AL  1  0  0  0  ND  ND
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper	2008 - 2016  SAMPLE DATE  2016	PPM PPM  UNITS PPB PPM	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (PHG n/a	15 1.3 15 1.3 15 1.3 15 1.0 15 1.0 15 1.0 15 1.0 15 1.0 15 1.0 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE  Some people who drink water containing dichlorodifluoromethane far in excess of the notification level may experience neurological and cardiac effects. Long-term exposures to dichlorodifluoromethane resulted in smaller body weight in laboratory animals.  Some people who use water containing 1,2,3-trichloropropate in excess of the notification level over many years may have an increased risk of getting cancer, based on studies in laboratory animals.	Arden F RANGE	BER OF IPLES 335 335 335 335 335 335 335 338 337 338 338 338 338 338 338 338 338	14 - 63 8.7 - 47 90TH 9 DETE	35 24.7  6 LEVEL ECTED  ND .19  ND .36  ND .054  chigate WTD, AVG.	NR NR NUM EXCEE	MBER DING AL  1  0  0  0  ND  ND
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  NREGULATED CONTAMINANT MONOMATION (Trichloromethane)  Dichlorodifluoromethane (Freon 12)	2008 - 2016 2008 - 2016  SAMPLE DATE  2016	PPM PPM  UNITS PPB PPM	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (PHG n/a	15 1.3 15 1.3 15 1.3 15 1.3 15 1.3 16 1.3 17 1.3 18 19 19 10 10 11 11 11	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household blumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE  Some people who drink water containing dichlorodifluoromethane far in excess of the notification level may experience neurological and cardiac effects. Long-term exposures to dichlorodifluoromethane resulted in smaller body weight in laboratory animals.  Some people who use water containing 1,2,3-trichloropropate in excess of the notification level over many years may have an increased risk of getting cancer, based on studies in laboratory animals.  The babies of some pregnant women who drink water containing vanadium in excess of the	Arden F RANGE NR	13 BER OF IPLES 335 345 348 55 5 Park Vista WTD. AVG. NR	14 - 63 8.7 - 47 90TH 9 DETE 0 0 Nort RANGE NR	35 24.7  6 LEVEL ECTED  ND .19  ND .36  ND .36  ND .ND .ND .ND .ND .ND .ND .ND .ND .ND	NR NR NUM EXCEE	MBER DING AL  1  0  0  0  ND  ND
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  Copper  Copper  Dichloroform (Trichloromethane)  Dichlorodifluoromethane (Freon 12)	2008 - 2016 2008 - 2016  SAMPLE DATE  2016	PPM PPM  UNITS PPB PPM PPB	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (  PHG  n/a  n/a	15 1.3 1.3 15 1.3 1.3 15 1.3 1.3 15 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE  Some people who drink water containing dichlorodifluoromethane far in excess of the notification level may experience neurological and cardiac effects. Long-term exposures to dichlorodifluoromethane resulted in smaller body weight in laboratory animals.  Some people who use water containing 1,2,3-trichloropropate in excess of the notification level over many years may have an increased risk of getting cancer, based on studies in laboratory animals.  The babies of some pregnant women who drink water containing vanadium in excess of the notification level may have an increased risk of developmental effects, based on studies in	Arden F RANGE NR	13 BER OF IPLES 335 335 335 335 335 338 335 NR NR NR	14 - 63 8.7 - 47 90TH 9 DETE 0 0 Nort RANGE NR	35 24.7  6 LEVEL ECTED  ND .19  ND .36  ND .37  ND .38  ND .38  ND .39  ND .39  ND .39  ND .39  ND .30  ND .30  ND .30  ND .30  ND .31  ND .32  ND .33  ND .33  ND .34  ND .35  ND .36  ND .37  ND .37  ND .38  ND .38	Southw RANGE ND - 0.0026	MBER DING AL  1  0  0  0  ND  ND
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper	2008 - 2016 2008 - 2016  SAMPLE DATE  2016	PPM PPM  UNITS PPB PPM PPB PPM PPB PPM PPB PPM PPB PPM PPB PPM PPB PPB	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (  PHG  n/a  n/a	MO  ACTION LEVEL  15  1.3  15  1.3  15  1.3  See 12) Notification Level n/a  1  5	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household blumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE  Some people who drink water containing dichlorodifluoromethane far in excess of the notification level may experience neurological and cardiac effects. Long-term exposures to dichlorodifluoromethane resulted in smaller body weight in laboratory animals.  Some people who use water containing 1,2,3-trichloropropate in excess of the notification level over many years may have an increased risk of getting cancer, based on studies in laboratory animals.  The babies of some pregnant women who drink water containing vanadium in excess of the	Arden F RANGE NR NR	13 BER OF IPLES 335 335 335 335 18 5 5 Park Vista WTD. AVG. NR NR	14 - 63 8.7 - 47  90TH 9 DETE  N 0  Norte RANGE NR  NR	35 24.7  6 LEVEL ECTED  ND .19  ND .36  ND .36  ND .37  NR  NR  NR  NR	Southwr RANGE ND - 0.0026 ND - 37	MBER DING AL  1  0  0  0  0  ND  ND  ND
Magnesium  AD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Trichloroform (Trichloromethane)  Dichlorodifluoromethane (Freon 12)  Trichloropropane (1,2,3-TCP)  Vanadium  Strontium	2008 - 2016 2008 - 2016  SAMPLE DATE  2016  2016  2016  2016  2016  2016  NITORING RULE (UCMR 3)  SAMPLE DATE  2016  2016  2016  2016  2016  2016  2016	PPM PPM PPB PPB PPM PPB PPM PPB PPM PPB PPM PPB PPB	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  Dy USEPA  PHG  n/a  n/a  n/a	MO  ACTION LEVEL  15  1.3  15  1.3  15  1.3  See 12)  Notification Level n/a  1  5  50 n/a	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE  Some people who drink water containing dichlorodifluoromethane far in excess of the notification level may experience neurological and cardiac effects. Long-term exposures to dichlorodifluoromethane resulted in smaller body weight in laboratory animals.  Some people who use water containing 1,2,3-trichloropropate in excess of the notification level over many years may have an increased risk of getting cancer, based on studies in laboratory animals.  The babies of some pregnant women who drink water containing vanadium in excess of the notification level may have an increased risk of developmental effects, based on studies in	Arden F RANGE NR NR NR	13 BER OF IPLES 35 35 36 38 18 5 5 NR NR NR NR	14 - 63 8.7 - 47  90TH 9 DETE  0 0  Nort RANGE NR  NR  NR	35 24.7  6 LEVEL ECTED  ND  .19  ND .36  ND  .054  shgate WTD, AVG.  NR  NR  NR	NR NR NUM EXCEE  Southw RANCE ND - 3.8  ND - 3.7  ND - 23 48 - 730	MBER DING AL  1  0  0  0  0  ND  ND  15 426
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  NREGULATED CONTAMINANT MOD  DITAMINANT  Chloroform (Trichloromethane)  Dichlorodifluoromethane (Freon 12  Trichloropropane (1,2,3-TCP)  Vanadium  Strontium  Chlorate	2008 - 2016 2008 - 2016  SAMPLE DATE  2016	PPM PPB PPB PPB PPM PPB PPB PPB PPB PPB	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA  PHG  n/a  n/a  n/a  n/a	MO  ACTION LEVEL  15  1.3  15  1.3  15  1.3  See 12)  Notification Level n/a  1  5  50  n/a  800	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE  Some people who drink water containing dichlorodifluoromethane far in excess of the notification level may experience neurological and cardiac effects. Long-term exposures to dichlorodifluoromethane resulted in smaller body weight in laboratory animals.  Some people who use water containing 1,2,3-trichloropropate in excess of the notification level over many years may have an increased risk of getting cancer, based on studies in laboratory animals.  The babies of some pregnant women who drink water containing vanadium in excess of the notification level may have an increased risk of developmental effects, based on studies in	Arden F RANGE NR  NR  NR  NR  NR	13 BER OF IPLES 35 35 36 18 5 5 Vark Vista WTD. AVG. NR NR NR	14 - 63 8.7 - 47  90TH 9 DETE  0 0  Nort RANGE  NR  NR  NR  NR	35 24.7  6 LEVEL ECTED  ND  ND  .19  ND  .36  ND  .054  chiqate  WTD. AVG.  NR  NR  NR  NR	NR NR NUM EXCEE  Southw RANGE ND - 3.8  ND - 37  ND - 23 48 - 730 ND - 570	MBER DING AL  1  0  0  0  0  ND  ND  15  4266 169
Magnesium AD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Topper  Copper  Lead  Copper	2008 - 2016 2008 - 2016  SAMPLE DATE  2016  2016  2016  2016  2016  2016  NITORING RULE (UCMR 3)  SAMPLE DATE  2016  2016  2016  2016  2016  2016  2016	PPM PPM PPB PPB PPM PPB PPM PPB PPM PPB PPM PPB PPB	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  Dy USEPA  PHG  n/a  n/a  n/a	MO  ACTION LEVEL  15  1.3  15  1.3  15  1.3  See 12)  Notification Level n/a  1  5  50 n/a	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE  Some people who drink water containing dichlorodifluoromethane far in excess of the notification level may experience neurological and cardiac effects. Long-term exposures to dichlorodifluoromethane resulted in smaller body weight in laboratory animals.  Some people who use water containing 1,2,3-trichloropropate in excess of the notification level over many years may have an increased risk of getting cancer, based on studies in laboratory animals.  The babies of some pregnant women who drink water containing vanadium in excess of the notification level may have an increased risk of developmental effects, based on studies in laboratory animals.	Arden F RANGE NR NR NR	13 BER OF IPLES 35 35 36 38 18 5 5 NR NR NR NR	14 - 63 8.7 - 47  90TH 9 DETE  0 0  Nort RANGE NR  NR  NR	35 24.7  6 LEVEL ECTED  ND  .19  ND .36  ND  .054  shgate WTD, AVG.  NR  NR  NR	NR NR NUM EXCEE  Southw RANCE ND - 3.8  ND - 3.7  ND - 23 48 - 730	MBER DING AL  1  0  0  0  0  ND  ND  15  4266 169
Magnesium AD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Trichloroform (Trichloromethane)  Dichlorodifluoromethane (Freon 12)  Trichloropropane (1,2,3-TCP)  Vanadium Strontium Chlorate	2008 - 2016 2008 - 2016  SAMPLE DATE  2016	PPM PPM PPB PPB PPM PPB PPB PPM PPB PPM PPB PPB	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (  PHG  n/a  n/a  n/a  n/a  n/a  n/a  n/a	MO  ACTION LEVEL  15  1.3  15  1.3  15  1.3  See 12)  Notification Level n/a  1  5  50  n/a  800  n/a	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE  Some people who drink water containing dichlorodifluoromethane far in excess of the notification level may experience neurological and cardiac effects. Long-term exposures to dichlorodifluoromethane resulted in smaller body weight in laboratory animals.  Some people who use water containing 1,2,3-trichloropropate in excess of the notification level over many years may have an increased risk of getting cancer, based on studies in laboratory animals.  The babies of some pregnant women who drink water containing vanadium in excess of the notification level may have an increased risk of developmental effects, based on studies in laboratory animals.	Arden FRANGE NR	13 BER OF IPLES 35 35 18 5 Park Vista WTD. AVG. NR NR NR NR NR	14 - 63 8.7 - 47  90TH 9 DETE  0 0 NOTE RANGE NR  NR  NR  NR  NR  NR  NR  NR	35 24.7  6 LEVEL ECTED  ND .19  ND .36  ND .36  ND .37  NR  NR  NR  NR  NR  NR  NR  NR  NR  N	NR NR NUM EXCEE  Southw RANGE ND - 3.8  ND - 37  ND - 23 48 - 730 ND - 570	MBER DING AL  1  0  0  0  ND  ND  15  426 169
Magnesium  AD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Copper  Lead  Topper  Lead  Copper  Lead  C	2008 - 2016 2008 - 2016  SAMPLE DATE  2016	PPM PPB PPB PPB PPB PPB PPB PPB PPB PPB	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (  PHG  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/	MO  ACTION LEVEL  15  1.3  15  1.3  15  1.3  See 12) Notification Level n/a  1  5  50  n/a 800 n/a  p analyze ov	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE  Some people who drink water containing dichlorodifluoromethane far in excess of the notification level may experience neurological and cardiac effects. Long-term exposures to dichlorodifluoromethane resulted in smaller body weight in laboratory animals.  Some people who use water containing 1,2,3-trichloropropate in excess of the notification level over many years may have an increased risk of getting cancer, based on studies in laboratory animals.  The babies of some pregnant women who drink water containing vanadium in excess of the notification level may have an increased risk of developmental effects, based on studies in laboratory animals.  EXCEEDENCE:  er 40 contaminants per test. The following contaminants exceeded the services of the	Arden FRANGE NR	13 BER OF IPLES 35 35 18 5 Park Vista WTD. AVG. NR NR NR NR NR	14 - 63 8.7 - 47  90TH 9 DETE  0 0  Nort RANGE NR  NR  NR  NR  NR  NR  NR  NR  NR  NR	35 24.7  6 LEVEL ECTED  ND .19  ND .36  ND .36  ND .37  NR  NR  NR  NR  NR  NR  NR  NR  NR  N	NR NR NUM EXCEE	MBER DING AL  1 0 0 0 0 0 ND ND ND 15 426 169 0.6
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Copper  Lead  Copper  Copper  Lead  Copper  Copper  Lead  Copper  Lead  Copper  Copper	2008 - 2016 2008 - 2016  SAMPLE DATE  2016  2016  2016  2016  2016  2016  2016  2016  2016  2016  2016  2016  2016  2016  Every year, we conduct SAMPLE DATE	PPM PPB PPB PPM PPB PPB PPM PPB PPB PPB	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  Dy USEPA  PHG  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/	MO  ACTION LEVEL  15  1.3  15  1.3  15  1.3  See 12) Notification Level  n/a  1  5  50  n/a  800  n/a  o analyze ov MCL	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE  Some people who drink water containing dichlorodifluoromethane far in excess of the notification level may experience neurological and cardiac effects. Long-term exposures to dichlorodifluoromethane resulted in smaller body weight in laboratory animals.  Some people who use water containing 1,2,3-trichloropropate in excess of the notification level over many years may have an increased risk of getting cancer, based on studies in laboratory animals.  The babies of some pregnant women who drink water containing vanadium in excess of the notification level may have an increased risk of developmental effects, based on studies in laboratory animals.  EXCEEDENCE:  er 40 contaminants per test. The following contaminants exceeded the stopping contaminants per test. The following contaminants exceeded the stopping contaminants exceeded the stopping contaminants exceeded the stopping contaminants exceeded the stopping contaminants.	Arden F RANGE NR	13 BER OF IPLES 35 35 18 5 Park Vista WTD. AVG. NR NR NR NR NR	14 - 63 8.7 - 47  90TH 9 DETE  0 0  Nort RANGE NR  NR  NR  NR  NR  NR  NR  NR  NR  NR	35 24.7  6 LEVEL ECTED  ND  .19  ND .36  ND .36  ND .054  whgate wttp. AVG.  NR  NR  NR  NR  NR  NR  NR  NR  NR  N	NR NR NUM EXCEE  Southw RANGE ND - 3.8  ND - 0.0026  ND - 37  ND - 23  48 - 730 ND - 570 ND - 3	MBER DING AL  1  0  0  0  0  ND  ND  ND  15  426 169 0.6
Magnesium  EAD & COPPER (See Note 11)  CONTAMINANT  Lead  Copper  Lead  Copper  Lead  Copper  NREGULATED CONTAMINANT MON  ONTAMINANT  Chloroform (Trichloromethane)  Dichlorodifluoromethane (Freon 12)  Trichloropropane (1,2,3-TCP)  Vanadium  Strontium  Chlorate	2008 - 2016 2008 - 2016  SAMPLE DATE  2016	PPM PPB PPB PPB PPB PPB PPB PPB PPB PPB	n/a  PHG or (MCLG)  (0.2)  (0.3)  (0.2)  (0.3)  (0.2)  (0.3)  by USEPA (  PHG  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/	MO  ACTION LEVEL  15  1.3  15  1.3  15  1.3  See 12) Notification Level n/a  1  5  50  n/a 800 n/a  p analyze ov	MAJOR SOURCES IN DRINKING WATER  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household water plumbing systems; discharges from industrial manufactures; erosion of natural deposits; leaching from wood preservatives.  Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.  HEALTH EFFECTS LANGUAGE  Some people who drink water containing dichlorodifluoromethane far in excess of the notification level may experience neurological and cardiac effects. Long-term exposures to dichlorodifluoromethane resulted in smaller body weight in laboratory animals.  Some people who use water containing 1,2,3-trichloropropate in excess of the notification level over many years may have an increased risk of getting cancer, based on studies in laboratory animals.  The babies of some pregnant women who drink water containing vanadium in excess of the notification level may have an increased risk of developmental effects, based on studies in laboratory animals.  EXCEEDENCE:  er 40 contaminants per test. The following contaminants exceeded the services of the	Arden F RANGE NR	13 BER OF IPLES 35 35 18 5 Park Vista WTD. AVG. NR NR NR NR NR	14 - 63 8.7 - 47  90TH 9 DETE  0 0  Nort RANGE NR  NR  NR  NR  NR  NR  NR  NR  NR  NR	35 24.7  6 LEVEL ECTED  ND .19  ND .36  ND .36  ND .37  NR  NR  NR  NR  NR  NR  NR  NR  NR  N	NR NR NUM EXCEE  Southw RANGE ND - 3.8  ND - 0.0026  ND - 37  ND - 23  48 - 730 ND - 570 ND - 3	MBER DING AL  1

# LEGEND

Al.....Aggressive Index MPN.....Most Probable Number AL....Regulatory Action Level NA.....Not Analyzed LI.....Langelier Index n/a....Not Applicable MFL....Million Fibers Per Liter MO Monitored Only NL.....Notification Level

PPT.....Parts per trillion, or Nanograms per liter NTU.....Nephelometric Turbidity Units TOC.....Total Organic Carbon pCi/I.....Pico Curies per liter TT.....Treatment Technique PPB.....Parts per billion (ug/l) WTP.....Water Treatment Plant

# **DEFINITIONS**

Average: The annual average of all tests for a particular substance.

**Detection Limit for Reporting**: The limit at or above which a contaminant is detected.

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency. Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

PPM.....Parts per million (mg/l)

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use

Primary Drinking Water Standards (PDWS): MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements

Public Health Goal (PHG). The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency. Range (Lo - Hi): The range between the lowest and highest values of a specific substance measured throughout the course of the year.

Regulatory Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Weighted Average (WTD AVG): An average of water quality samples in which each sample is assigned a weight. Each sample's contribution (or weight) is based on the amount of water the corresponding water source produces for the whole system. Instead of each of the sample results contributing equally to the final average, some of the results contribute more than others.

- The state allows SCWA to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently.
- Southwest Tract (SWT) receives its water from Fruitridge Vista Water Company which received 0.04% of its water from the City of Sacramento. Data which is reported by Fruitridge Vista Water Company at (916) 443-2607 with questions regarding this data.
- The State Water Resources Control Board (State Board) allows the measurement of gross alpha radiation as a surrogate for Uranium. Total Tribalomethanes = sum of results for Chloroform Bromoform Dibromochloromethane & Bromodichloromethane
- Haloacetic Acids = sum of results for Bromochloroacetic acid, Dibromoacetic acid, Dichloroacetic acid, Monochloroacetic acid, & Trichloroacetic acid
- The Arden Park Vista water system's facilities are fluoridated to reduce tooth decay in children. Studies show that water fluoridation reduces tooth decay by 20 to 40 percent. The California State Water Resources
  - Control Board advised SCWA to implement the CDC's recommended optimal fluoride content of 0.7 mg/L and control range of 0.6 mg/L 1.2 mg/L. Information about fluoridation, oral health and current issues is available from http://waterboards.ca.gov/drinking\_water/certlic/drinkingwater/Fluoridation.shtml.
- On Systems that collect less than 40 samples per month, the Total Coliform Bacteria MCL is no more than one (1) monthly sample return total coliform positive, per the Total Coliform Rule (TCR). A positive TC sample triggers collection of samples for E. coli at the source (i.e., groundwater wells) per the federal Ground Water Rule (GWR). In 2016, all samples taken per the GWR returned negative (absent) for E. coli.

  On February 5, 2014, a Latham Well (W-09) water sample for aluminum returned 420 PPB which exceeded the secondary standard MCL of 200 PPB. The secondary MCL for aluminum was established because increased residual concentrations
- lead to undesireable color and turbidity in water. The average result for aluminum samples taken were non-detect and no results returned over the primary standards MCL (1000 PPB).
- Color exceeded the MCL of 15 Units in the Northgate water system. The average reading for color in Northgate is much lower (0.01 Units). Colored drinking water usually does not itself represent any hazard to human health. Guidelines are often established for color in drinking water based on aesthetic criteria. Color generally indicates the presence of dissolved organic carbon, which is a precursor for the formation of disinfection by-products.
- 10. Odor exceeded the threshold of 3 Units in the Northgate water system. The average reading for Odor in Northgate is non-detect (ND). Odor itself does not represent a human health hazard. Although standards are established for odor in drinking water based on aesthetic criteria, odor can be indicative of water contamination or problems with water treatment, which may have associated health concerns.
- 11 SCWA Level for Lead & Copper is measured at the 90th percentile sampling of thirty-five (35) homes at the tap for Arden Park Vista (APV), sixteen (16) for Northgate & five (5) for Southwest Tract (SWT).
- 12 Unregulated Contaminants Monitoring Rule (UCMR 3 / 2013 2015 Monitoring) with notification levels help to determine where certain contaminants occur and whether they need to be regulated. All contaminants tested for during the screening survey conducted in the Arden Park Vista water system returned non-detect. Our Northgate water system was not required to sample for the UCMR3. For more information on the levels of unregulated contaminants found in Fruitridge Vista Water Company's samples, please call Fruitridge Vista Water Company at (916) 443-2607.

For more information regarding Fruitridge Vista Water Company water quality data, please call Beth Arnoldy @ (916) 443-2607.

For more detailed information regarding SCWA water quality, call Aaron Wyley @ (916) 875-5815.

## State Mandated Information for Nitrate, Arsenic & Lead:

Mitrate in drinking water at levels above 10 mg/L is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity.

Arsenic:
While your drinking water meets the federal and state standard for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. The U.S. Environmental Protection Agency continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

## Lead:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Sacramento County Water Agency is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/lead.