Modeling Bromide & Organics Transport

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Six CalFed Alternatives Modeled

(1A,1C,2B,2D,2E,3E)

4 water years simulated

(1984-88)

DOC CONCENTRATION (mg/l) used in the model runs (monthly varying)

Location	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SJR	4.2	5.8	4.6	4.3	3.1	4.0	3.4	3.4	4.2	3.7	2.9	3.7
East Side	1.9	2.2	2.1	1.6	1.8	1.8	1.7	1.4	1.9	2.0	1.8	2.1
Sac	2.6	3.6	2.5	2.0	2.4	2.1	2.5	2.4	2.3	2.1	2.3	2.8
Benicia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Bromide CONCENTRATION (mg/l) used in the model runs

Location

SJR — Conversion Equations (monthly varying)

$$CL = -25.883 + 0.325134 \times TDS$$

$$BR = 0.0034 \times CL$$

East Side — 0.03 fixed

Sac — 0.03 fixed

Benicia — Conversion Equations (monthly varying)

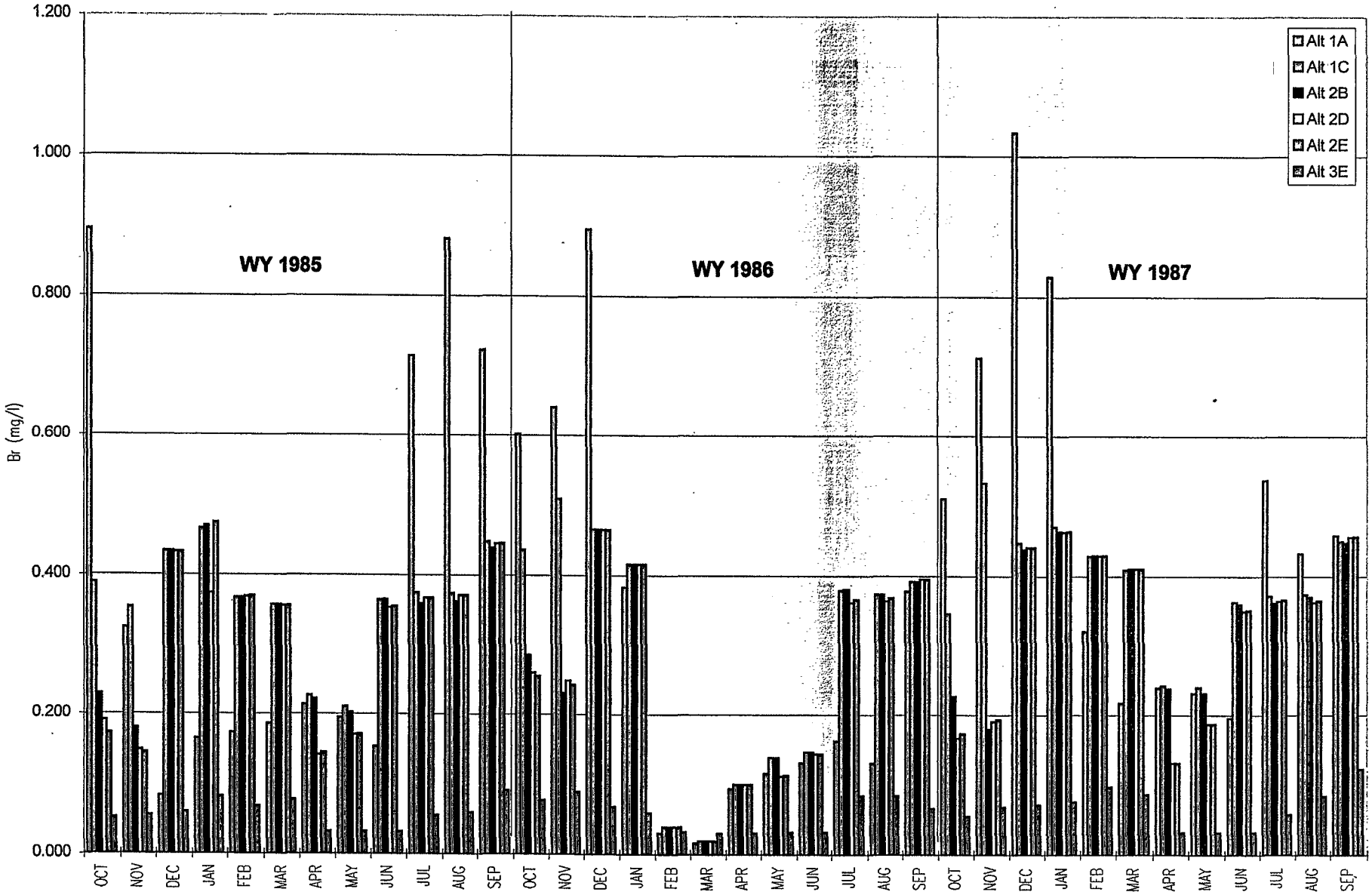
$$CL = 37.03 + 0.531491 \times TDS$$

$$Br = 0.0034 \times CL$$

PRELIMINARY

D-007825

Bromide Concentrations in Clifton Court Forebay



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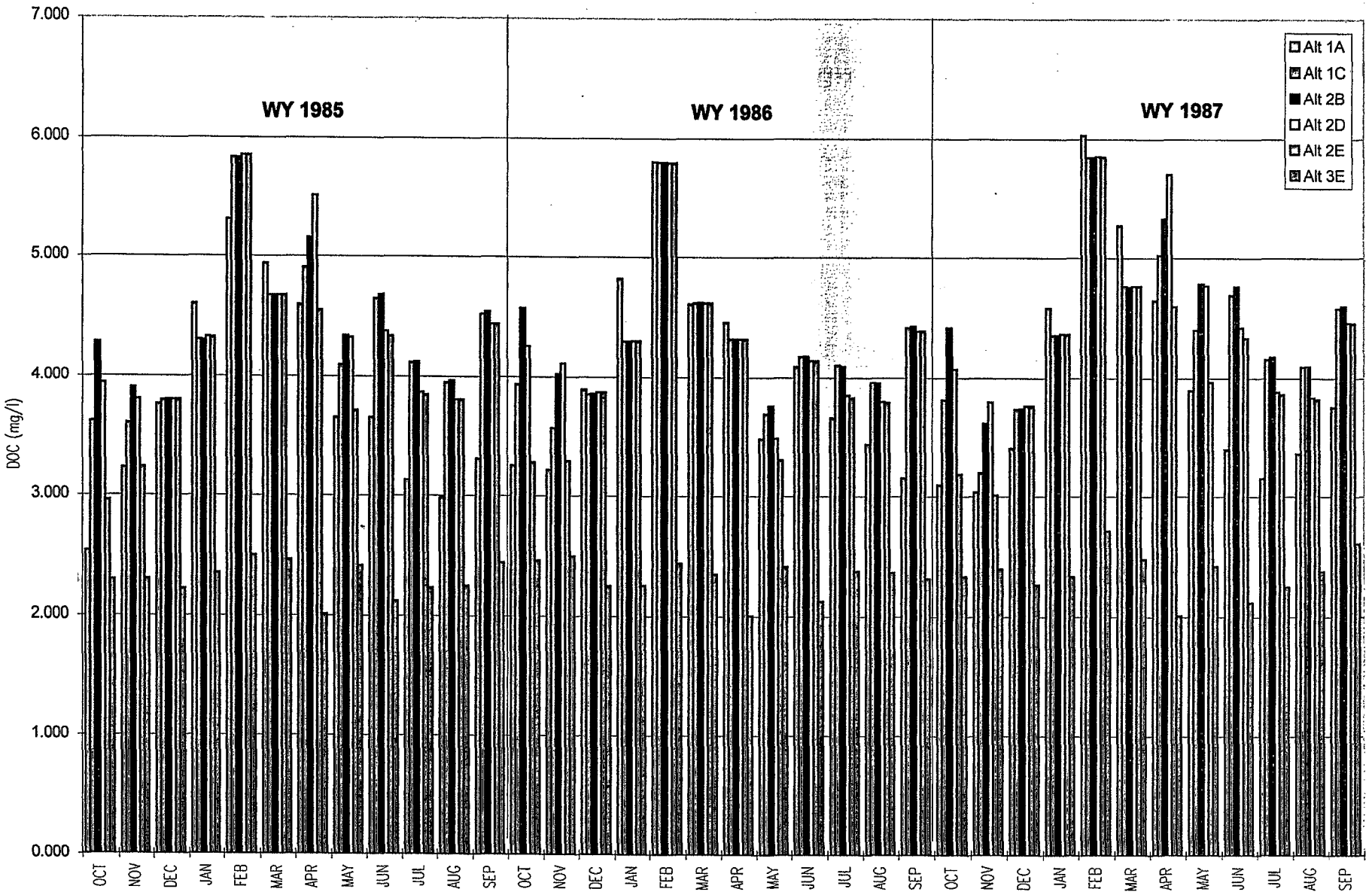
PRELIMINARY

D-007826

DOC Concentrations in Clifton Court Forebay



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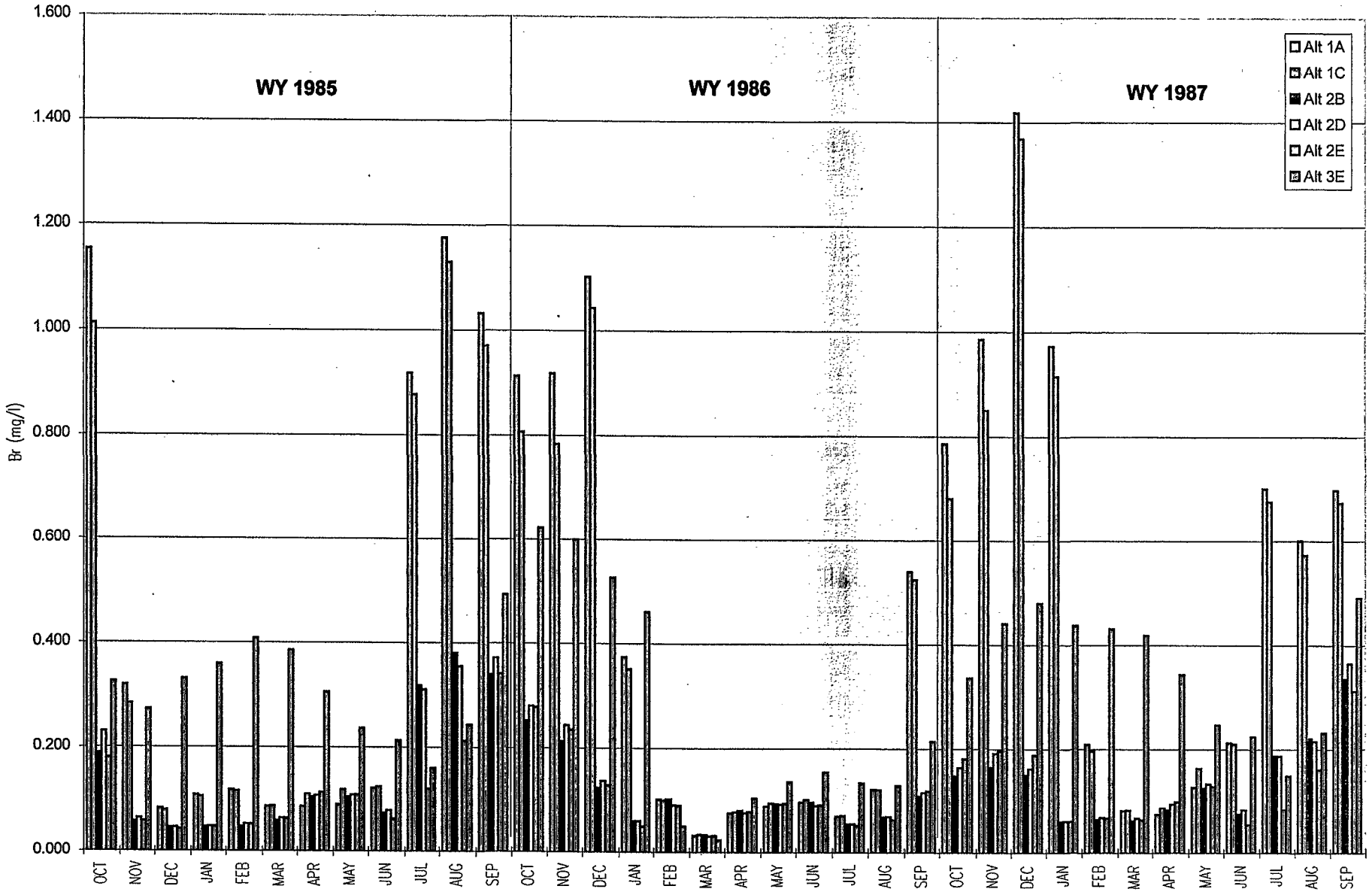
PRELIMINARY

Bromide Concentrations at Contra Costa Canal Intake



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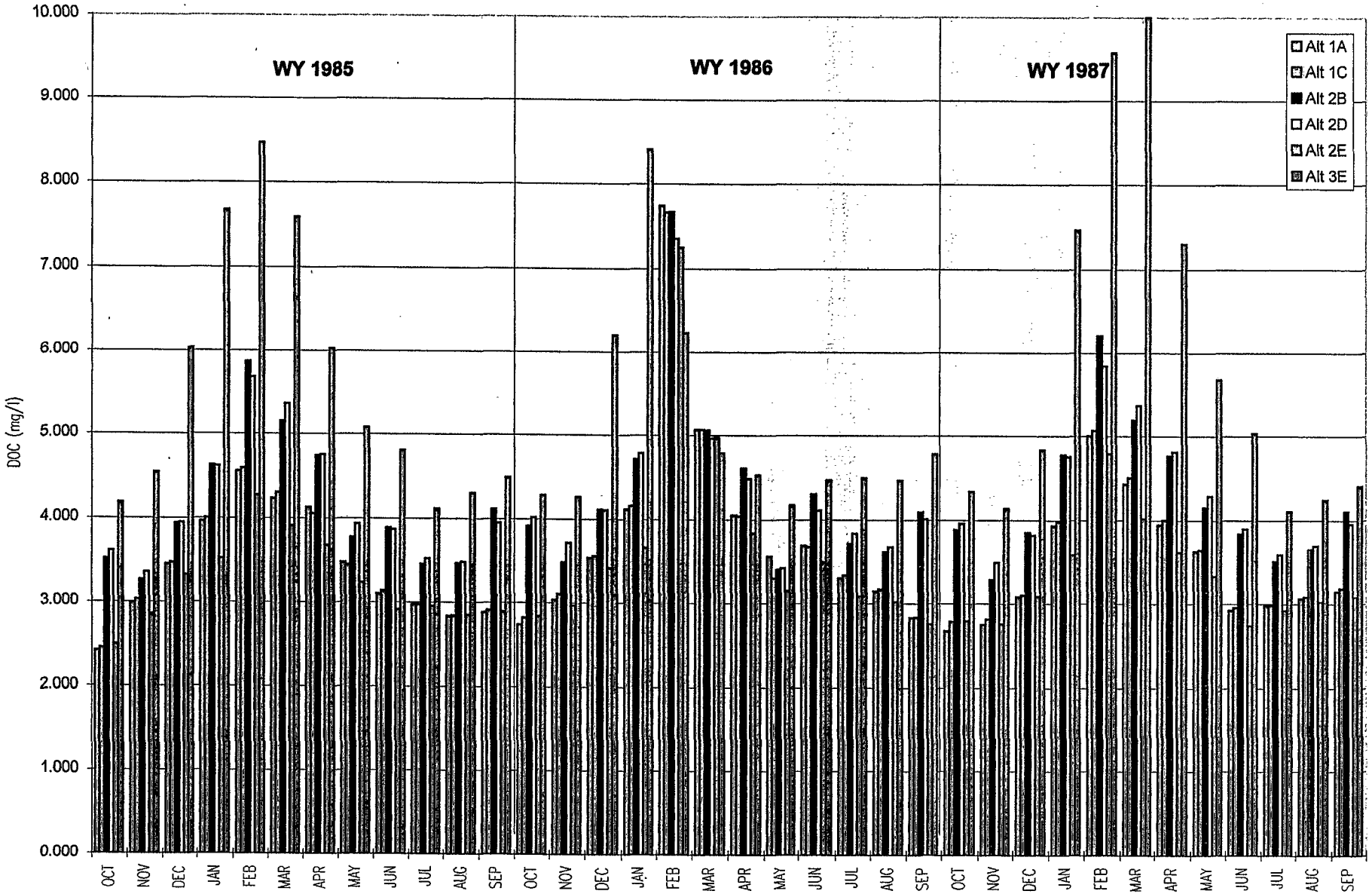
PRELIMINARY

DOC Concentrations at Contra Costa Canal Intake



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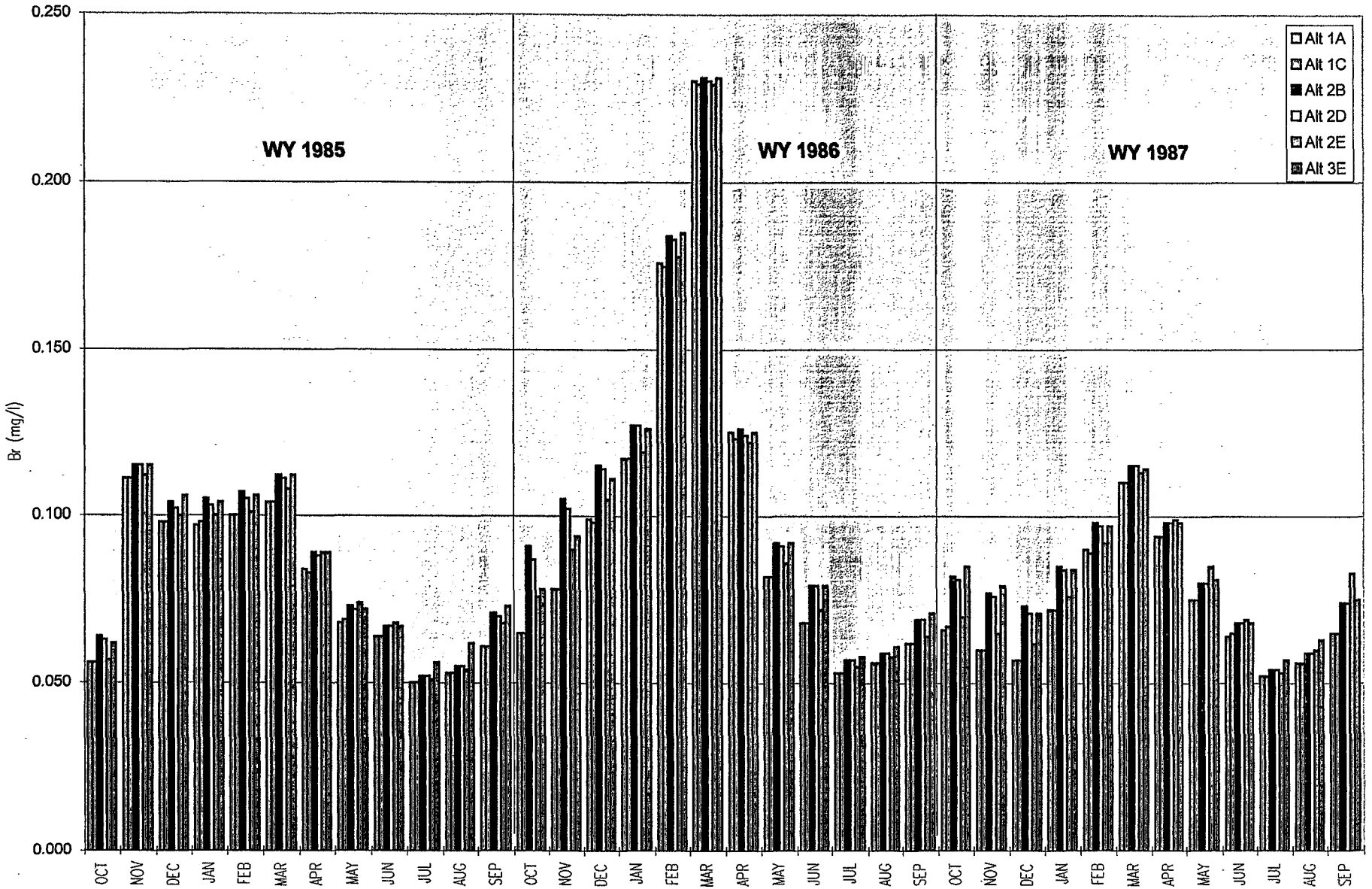
PRELIMINARY

Bromide Concentrations at North Bay Aqueduct



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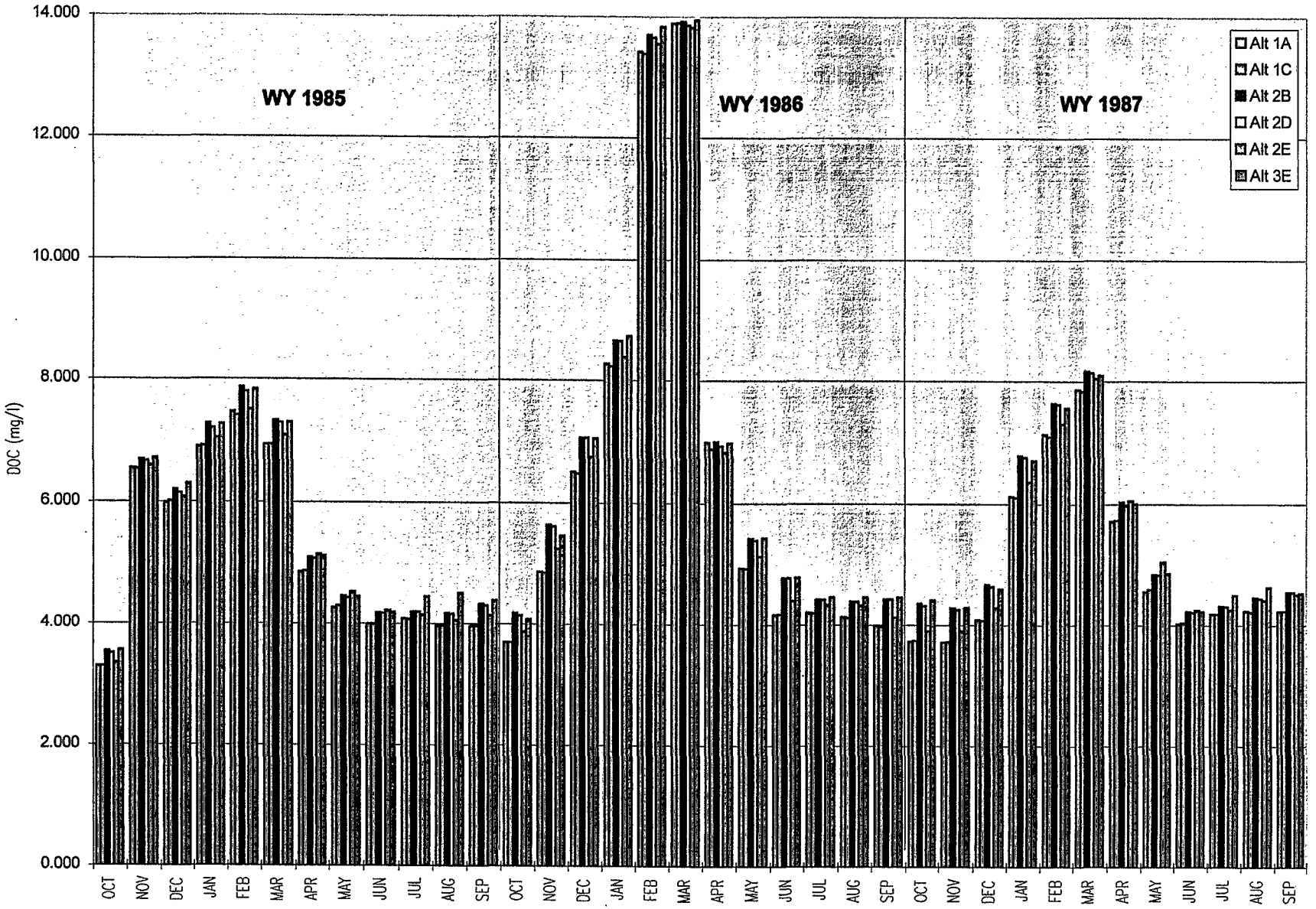
PRELIMINARY

DOC Concentrations at North Bay Aqueduct



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