Appendix C.

TLM Working Spreadsheet
May 1996

The TLM (Tank Layer Model) is a volumetric and chronological description of tank inventory based on the HDW sludges and salt cakes. Each solids layer is attributed to a particular waste addition or process, and any solids layers that have unknown origin are assigned as such and contribute to the uncertainty of that tank's inventory. Many of these unknown layers are assigned as per the history of each tank and such assignments are included in the TLM table in parentheses. The TLM for each tank simply associates layers of solids within each tank with a waste addition or a process campaign. Each tank's history is summarized by rows and its primary waste additions are all indicated.

The bolded entry in the Pred. layer column is the volume in kgal of each residual layer and the Layer Type column has information on the HDW assignment for that layer. This is the information that is used in WSTRS, which adds TLM solids layers to each tank accordingly. These result, then, also appear in the SMM/TLM tables in App. D. The TLM working spreadsheets are grouped by quadrant, which is a roughly geographical grouping of tanks that has been useful in the HDW model development.

The level discrepancies between the HDW Model-TLM and the Hanlon report are listed at the end of the appendix. These are given for volume differences greater than 10 kgals. Volume differences greater that 50 kgals were changed in the HDW Model and the new value is listed. This is further described in the Approach section (TLM) of the main text.

Table C1. TLM Working Spreadsheet Column Descriptions.

Column Headings	Descriptions
Tank	tank number
Year	year of transaction
Qtr	quarter of transaction
Meas. solids	reported solids from Anderson-91 in kgal
Solids change	calculated solids based on primary fill record or difference between solids records
Pred. layer	kgal predicted layer now in tank
Layer type	Defined Waste Type for that layer
Waste volume	summation of primary waste additions calculated for this time period
Comments	various details of each calculation

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
A-101	1960	1		1		OWW1	83	0.6 vol%
A-101	1961	1		105		P1	4777	2.2 vol %
A-101	1965	1	72	-34				unknown loss
A-101	1966	3		3		P2	70	3.9 vol%
A-101	1967	3	79					
A-101	1967	4	80	24		OWW2	2209	1.1
A-101	1968	1		0		OWW3	28	0.6 vol%, unk. gain
A-101	1968	1	83	-16				
A-101	1968	2						SL A-102, 3-P2,30-P1
A-101	1968	2	50					
A-101	1969	1					-9	SL A-106, 9-P1
A-101	1969	1					-33	SL A-102,33-P1
A-101	1969	1	8					
A-101	1969	3	3	-80				sluicing
A-101	1969	4	11					
A-101	1970	4		1		P2	36	3.9 vol%
A-101	1972	4	16					
A-101	1973	1		53		SRR	1066	5.0 vol%
A-101	1973	4		0		PL	5	2.2 vol%
A-101	1974	2	33	-24				unk loss
A-101	1975	2	11					
A-101	1975	3		0		SRR	6	5.0 vol%
A-101	1975	4					-11	SL A-106 11-SRR
A-101	1975	4	8					
A-101	1976	1	1					
A-101	1976	2	3	-30	**3**	**P1**		residual heel, sluliced
A-101	1977	3	85					
A-101	1978	1	377					
A-101	1978	4	490					
A-101	1979	1	415					
A-101	1979	4	333					
A-101	1980	2	316					
A-101	1980	4	550	547	**547**	**SMMA1**		242-A1 evap campaign, Solids from concentrate calculated by SMM.
A-101	1993	2	953					
A-101	1993	4	953	403	**403**	**SMMA2**		Solids from concentrate calculated by SMM.
A-102	1961	3		166		P1	7564	2.2 vol%
A-102	1962	4		4		OWW1	698	0.6 vol%
A-102	1963	3		3		OWW2	236	1.1 vol%
A-102	1965	1	77					ignore
A-102	1967	3	102	-71				Unknown loss
A-102	1967	4	99					ignore
A-102	1968	2				P1, P2	33	SL A-101, 3-P2,30-P1
A-102	1968	2	124	22				slurry receiver
A-102	1968	3	127					
A-102	1969	1				P1	33	SL A-101, 33-P1
A-102	1969	1	146					
A-102	1969	2	154	30				slurry receiver
A-102	1969	3	149					
A-102	1970	1	138					
A-102	1970	2	146					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
A-102	1970	4	154					
A-102	1972	4				P	-85	SL C-105, SRR, SU to C-105
A-102	1972	4	69					
A-102	1973	1				P	-40	SL C-105, SRR
A-102	1973	1	39					
A-102	1973	2				P	-24	SL A-103
A-102	1973	2	15					
A-102	1974	1				P	-15	SL C-105, SRR
A-102	1974	1	0	-154				sluiced flat bottom tank
A-102	1974	4		8		SRR	150	5.0 vol%
A-102	1974	4	17	9				unk. gain
A-102	1975	1		4		AR	105	4.0 vol%
A-102	1975	2		12		SRR	243	5.0 vol%
A-102	1975	2		1		AR	17	4.0 vol%
A-102	1975	3		0		B	3	0.5 vol%
A-102	1976	1					-16	SL A-106
A-102	1976	1	1					sluiced
A-102	1976	2	2					
A-102	1976	3	6					
A-102	1976	4	3	-31	**3**	**SRR**		SRR heel
A-102	1977	4	6					242-A1 feed tank
A-102	1978	1	8					
A-102	1978	2	17					
A-102	1978	3	11					
A-102	1978	4	17					
A-102	1980	4	22	19	**19**	**SMMA1**		Solids from concentrate calculated by SMM.
A-102	1993	2	37					
A-102	1993	4	37	15	**15**	**SMMA2**		Unk gain, Solids from concentrate calculated by SMM.
A-103	1958	4		6		OWW1	1072	0.6 vol%
A-103	1960	3		83		P1	3773	2.2 vol%
A-103	1964	1				P1	-50	SL C-105, solids to AX-101
A-103	1964	4				P1	-100	SL C-105, solids to AX-101
A-103	1965	1		3		DW	262	1 vol%
A-103	1966	1	0	-92				sluiced
A-103	1966	4					-100	SL C-105, solids to AX-101
A-103	1967	2		2		OWW2	199	1.1 vol%
A-103	1967	4	22					
A-103	1968	1	61					
A-103	1968	2					98	SL A-105
A-103	1968	2	52					
A-103	1968	3					49	SL A-105
A-103	1968	3	102	100				
A-103	1969	2	91					
A-103	1969	3	121					
A-103	1969	4	102					slurry receiver
A-103	1973	2					24	SL A-102
A-103	1973	4		1		CSR	71	1 vol%
A-103	1974	2					-80	SL C-105,SRR
A-103	1974	2	22					
A-103	1974	3					-22	SL C-105,SRR
A-103	1974	3	0	-103				Sluiced

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
A-103	1974	4	14	11		AR	266	4.0 vol%
A-103	1975	2	6					ignore
A-103	1975	2		1		AR	29	4.0 vol%
A-103	1975	3	14					ignore
A-103	1975	4		7		SRR	141	5.0 vol%
A-103	1975	4		5		AR	118	4.0 vol%
A-103	1976	1	6	-18				sluiced?
A-103	1976	2	16					
A-103	1976	3	17					
A-103	1976	4					-8	SL A-106
A-103	1976	4	3	-3	**3**	**AR**		residual heel
A-103	1977	3	105					
A-103	1978	1	206					
A-103	1978	2	275					
A-103	1978	4	303					
A-103	1980	3	499					
A-103	1980	4	516	513				242-A1 evap camp
A-103	1993	2	366					
A-103	1993	4	366	-150	**363**	**SMMA1**		unknown loss, Solids from concentrate calculated by SMM.
A-104	1958	1	0					
A-104	1961	4		224		P1	6738	2.2 vol%, ignore measurement
A-104	1962	4		14		OWW1	2264	0.6 vol%
A-104	1965	1	146	-92				unk loss
A-104	1967	3	165					
A-104	1967	4	168	29		OWW2	2676	1.1 vol%
A-104	1968	1	182	7				unk gain
A-104	1968	2	171	1		OWW3	150	0.6 vol%
A-104	1968	3	165					
A-104	1968	4	171					
A-104	1969	2					-97	SL A-106,SRR
A-104	1969	2	74	-109				sluiced
A-104	1969	3					-63	SL A-106,SRR
A-104	1969	3					-35	SL A-106 ??
A-104	1969	3	11					
A-104	1969	4	3					
A-104	1970	1	1	-73	**1**	**P1**		sluiced P heel after sluicing
A-104	1972	3	8					
A-104	1972	4		1		CSR	134	1 vol%
A-104	1973	1		54		AR	1355	4.0 vol%
A-104	1973	1	80	24				unk gain
A-104	1974	2		51		AR	1273	4.0 vol%
A-104	1974	3					-23	SL A-106
A-104	1974	3	57	-74				sluicing
A-104	1974	4		22		AR	545	4.0 vol%
A-104	1974	4	39					
A-104	1975	2	25	11		AR	264	4.0 vol%
A-104	1977	4	28					
A-104	1993	2	28					
A-104	1993	4	28	-62	**27**	**AR**		unk loss, sluiced

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
A-105	1957	4	17					test water additions only, ignore
A-105	1961	1	50					test water additions only, ignore
A-105	1962	4		8		P1	366	2.2 vol%
A-105	1964	4		120		P2	3084	3.9 vol%
A-105	1965	1	72	-56				unk loss
A-105	1967	3	110					REC from A-101
A-105	1968	1	180	108				unk gain, Tank leaks, Buckled bottom
A-105	1968	2		3		CSR	287	1 vol%, sent to A-103
A-105	1968	2	82					sent to A--103
A-105	1968	3	33	-150				sluiced, sent to A-106 and A-103
A-105	1969	2	52					
A-105	1969	3	63					unk fluctuations
A-105	1969	4	33					sluicing stopped
A-105	1979	2	19					
A-105	1993	2	19					
A-105	1993	4	19	-14	**19**	**P2**		heel left after sluicing IWW
A-106	1962	3		1		OWW1	210	0.6 vol%
A-106	1962	4		78		P1	3550	2.2 vol%
A-106	1963	1		6		P2	152	3.9 vol%
A-106	1965	1	118	34				unknown gains
A-106	1967	3	140					
A-106	1967	4	176	27		OWW2	2467	1.1 vol%
A-106	1968	1	173					
A-106	1968	2	171	1		OWW3	155	0.6 vol%
A-106	1968	3	168				60	SL A-105
A-106	1968	4	176					
A-106	1969	1	175				2	SL A-101
A-106	1969	2	227				19	SL A-104
A-106	1969	3	254	108			48	SL A-104
A-106	1969	4	234					slurry receiver
A-106	1970	1	195				-28	SL C-106 , SRR
A-106	1970	2	185				-10	SL C-106 , SRR
A-106	1970	3	163				-22	SL C-106 , SRR
A-106	1970	4	124				-39	SL C-106 , SRR
A-106	1971	1	98				-26	SL C-106 , SRR
A-106	1972	1	96					
A-106	1972	2	19				-77	SL C-106 , SRR
A-106	1972	3	22					
A-106	1972	4	11					
A-106	1973	4	6					
A-106	1974	1	0	-254				sluiced
A-106	1974	1		26		SRR	525	5.0 vol%
A-106	1974	2		0		AR	7	4.0 vol%
A-106	1974	3	12	-14	**12**	**SRR**		unk loss
A-106	1974	3		23		AR	23	SL A-104
A-106	1974	3		20		SRR	407	5.0 vol%
A-106	1974	4		32		AR	32	SL A-104
A-106	1974	4	11					Ignore
A-106	1975	3		3		SRR	53	5.0 vol%, blending sludges
A-106	1975	4		11		SRR	11	SL A-101, blending sludges
A-106	1976	1		16			16	SL A-102 SRR/AR 12/4, blending sludges

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
A-106	1976	1	91	-26				unk loss, blending sludges
A-106	1976	4		8			8	SL A-103 AR/SRR 6/2, blending sludges
A-106	1976	4	102	3				unk gain, blending sludges
A-106	1977	3	80	-22				unk loss
A-106	1977	4	52	-28	**17**	**SRR**		total in,normalized to 102, mixed and ratio taken out, unk loss
A-106	1978	2	50	-2	**21**	**AR**		unk loss
A-106	1980	2	96					
A-106	1980	3	94	44	**44**	**SMMA1**		Solids from concentrate calculated by SMM.
A-106	1993	2	125					
A-106	1993	4	125	31	**31**	**SMMA2**		Unk Prob sltslry, Solids from concentrate calculated by SMM.
AX-101	1965	1		10		P2	263	3.9 vol %
AX-101	1966	1						poss solids in from A-103 1964-66 ?
AX-101	1967	4		20		OWW2	1860	1.1 vol%
AX-101	1968	2		2		P2	40	3.9 vol %
AX-101	1968	4		14		B	2738	0.5 vol %
AX-101	1968	4		7		PL	302	2.2 vol %
AX-101	1968	4	41	-12				unk gain
AX-101	1969	1		1		B	294	0.5 vol %
AX-101	1969	1		2		PL	84	2.2 vol %
AX-101	1969	1	39	-5				unk loss
AX-101	1969	2		0		PL	3	2.2 vol %
AX-101	1969	2	25					
AX-101	1969	3	26					
AX-101	1969	4	30					
AX-101	1970	1	41					
AX-101	1970	2	69					
AX-101	1971	1	56					
AX-101	1972	4	58					
AX-101	1973	4	77					
AX-101	1974	4	69	30				unk gain
AX-101	1975	3					-8	SL C-105 , SRR
AX-101	1975	3		0		SRR	6	5.0 vol %
AX-101	1975	3	61					
AX-101	1975	4					-16	SL C-105 , SRR
AX-101	1975	4	45					
AX-101	1976	1					-37	SL C-105 , SRR
AX-101	1976	1		7		SRR	140	5.0 vol %
AX-101	1976	1	8					
AX-101	1976	2					-4	SL C-105 , SRR
AX-101	1976	2		3		SRR	56	5.0 vol %
AX-101	1976	2	4					sluiced
AX-101	1976	3	3	-76	**3**	**SRR**		Residual after sluicing
AX-101	1977	2	184					242-A1 Evap Camp.
AX-101	1977	3	578					Slurry Receiver
AX-101	1977	4	627					
AX-101	1980	1	600					
AX-101	1980	3		10	**10**	**P2**		3.9 vol % washed out? to A-102, no temp variance in upper TCs
AX-101	1980	3	289					adj in salt cake due to pumping to A-102

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
AX-101	1980	4	525	512	**512**	**SMMA1**		Solids from concentrate calculated by SMM.
AX-101	1993	2	748					
AX-101	1993	4	748	223	**223**	**SMMA2**		242-A2 Evap., Solids from concentrate calculated by SMM.
AX-102	1967	3		5		OWW2	491	1.1 vol%
AX-102	1968	4	14	9				unk gain
AX-102	1969	1	0	-14				flushed tank
AX-102	1969	2		9		B	1834	0.5 vol %
AX-102	1969	2		1		PL	43	2.2 vol %
AX-102	1969	2	17	7				unk gain
AX-102	1969	3		3		B	515	0.5 vol %
AX-102	1969	3		1		PL	35	2.2 vol %
AX-102	1969	3	19	-2				unk loss
AX-102	1969	4		5		B	998	0.5 vol%
AX-102	1969	4	10					
AX-102	1970	1		3		B	568	0.5 vol %
AX-102	1970	1	12					
AX-102	1970	2		2		B	436	0.5 vol %
AX-102	1970	2	17					
AX-102	1970	3		0		B	20	0.5 vol %
AX-102	1970	3	11					
AX-102	1970	4		0		B	7	0.5 vol %
AX-102	1970	4	28					
AX-102	1971	1		0		B	14	0.5 vol %
AX-102	1971	1	38	9				
AX-102	1971	2	32	-6				unk loss
AX-102	1971	2		1		AR	15	4.0 vol %
AX-102	1971	3	38	5				unk gain
AX-102	1972	2	50					
AX-102	1972	3	63					
AX-102	1972	4	47					
AX-102	1973	1	50	12				unk gain
AX-102	1975	3		1		AR	19	4.0 vol %
AX-102	1975	3		0		B	6	0.5 vol%
AX-102	1975	4	47	-4			-3	SL C-105,SRR
AX-102	1976	1	22	-25			-25	SL C-105,SRR
AX-102	1976	2	17	-5			-5	SL C-105,SRR
AX-102	1976	4	19	2				unk gain
AX-102	1977	1	11	-8	**5**	**B**	-8	SL C-105,SRR, Sr sludge sluicing
AX-102	1977	2	6	-5	**1**	**PL**		heels after sluicing
AX-102	1979	2	39					
AX-102	1980	3	29		**23**	**SMMA1**		slurry rec 242-A1 Evap., Solids from concentrate calculated by SMM.
AX-102	1993	2	36		**4**	**(SMMA1)**		unk assign to A1SltCk, Solids from concentrate calculated by SMM.
AX-102	1993	4	36	30	**3**	**(SMMA2)**		unk assign to A2sltslry, Solids from concentrate calculated by SMM.
AX-103	1966	2		93		P2	2371	3.9 vol %
AX-103	1967	3	14					ignore, unk loss
AX-103	1967	4		10		OWW2	915	1.1 vol%

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
AX-103	1968	2		1		OWW3	143	0.6 vol%
AX-103	1968	2		0		BL	10	2.50 vol %
AX-103	1968	4		3		PL	152	2.2 vol %
AX-103	1968	4	77	-30				unknown loss
AX-103	1969	1		0		B	11	0.5 vol %
AX-103	1969	1		1		PL	45	2.2 vol %
AX-103	1969	1	83	5				unk gain
AX-103	1969	2	76					
AX-103	1969	3	83					
AX-103	1970	1	80					
AX-103	1970	2	83					
AX-103	1970	4	69					
AX-103	1971	3	66					
AX-103	1972	4		0		B	3	0.5 vol %
AX-103	1972	4	69					
AX-103	1974	3	72					
AX-103	1974	4	88	5				unk gain
AX-103	1975	3		14		AR	342	4.0 vol %
AX-103	1975	4		2		AR	51	4.0 vol %
AX-103	1976	2					-18	SL C-105 , SRR
AX-103	1976	2	70					
AX-103	1976	3					-53	SL C-105 , SRR
AX-103	1976	3	17					
AX-103	1976	4	6					
AX-103	1977	1	11					
AX-103	1977	3	6	-98	**6**	**P2**	-11	SL C-105 , SRR, sluiced Sr sludge
AX-103	1980	2	10	4	**4**	**SMMA1**		Solids from concentrate calculated by SMM.
AX-103	1980	3		8	**8**	**P2**	198	3.9 vol %
AX-103	1980	4	121	103				
AX-103	1993	2	112					
AX-103	1993	4	112	-9	**94**	**SMMA1**		Solids from concentrate calculated by SMM.
AX-104	1965	3	0					
AX-104	1967	4		77		P2	1969	3.9 vol %
AX-104	1968	2		0		B	12	0.5 vol %
AX-104	1968	2		1		P2	18	3.9 vol %
AX-104	1968	2		2		PL	88	2.2 vol %
AX-104	1968	2		1		OWW3	237	0.6 vol%
AX-104	1968	4	10					Error due to boiling.
AX-104	1969	1		0		B	37	0.5 vol %
AX-104	1969	1		1		PL	37	2.2 vol %
AX-104	1969	1	8					Error due to boiling.
AX-104	1969	2		0		PL	3	2.2 vol %
AX-104	1969	3	11					Error due to boiling.
AX-104	1969	4	27					early readings seem low
AX-104	1970	1	58					no reason for increase
AX-104	1970	2	48					
AX-104	1970	3	44					
AX-104	1970	4	52					
AX-104	1971	2	47					
AX-104	1972	4	55					
AX-104	1973	4	44					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
AX-104	1974	4	47					
AX-104	1976	1	44	-37				unk loss
AX-104	1976	1		0		AR	9	4.0 vol %
AX-104	1976	3	47					
AX-104	1977	1	55					
AX-104	1977	2	22					
AX-104	1977	3	11					
AX-104	1977	4	3					
AX-104	1978	1	8					sluiced
AX-104	1978	2	3					
AX-104	1993	2	7					
AX-104	1993	4	7	-37	**7**	**P2**		residual heel after sluicing
B-101	1946	1		191		MW	1590	12 vol %
B-101	1953	4	0	-191				
B-101	1957	1	0	3	**3**	**MW**		1" sludge heel left after sluicing
B-101	1957	2	106					242-B evap
B-101	1957	3	315	312		BSltCk		
B-101	1963	2	202					
B-101	1965	2	161					
B-101	1969	1	151	-164				loss due to dissolution?
B-101	1970	2		5		B	1005	0.5 vol %
B-101	1970	2	150	-6				unk loss
B-101	1970	3	106					
B-101	1970	4	103					
B-101	1972	3	109	-41				unk. loss
B-101	1973	1		101		BL	4025	2.50 vol %
B-101	1974	4	136	-74	**75**	**BSltCk**		salt cake dissolution until 9" occurance of sludge on top, unk loss
B-101	1976	1	103		**5**	**B**		
B-101	1993	2	113		**20**	**BL**		
B-101	1993	4	113	-23	**10**	**(BSltCk)**		unk assign to BSltck based on low heat load
B-102	1953	1					-530	SL B-103
B-102	1953	4	0					
B-102	1957	3	0	3	**3**	**MW**		1" heel after sluicing
B-102	1957	4	84	81	**24**	**BSltCk**		242-B evap
B-102	1963	2	40	-44				unk loss
B-102	1965	2	24	-16	**1**	**CWP2**		Rec 48 CWP2 2.9 vol%
B-102	1970	2	55	31				CW settled in
B-102	1972	1	34					
B-102	1972	3	33					
B-102	1974	4	35					
B-102	1976	4	51					
B-102	1977	1	40					
B-102	1978	4	37					
B-102	1993	2	28					
B-102	1993	4	28	-27				SltCk Dissolution?
B-103	1953	1					1060	SL B-102, SL B-101
B-103	1953	2					-1649	SL UR
B-103	1953	4	0					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
B-103	1957	2	0	3	**3**	**MW**		1" sludge heel after sluicing
B-103	1957	3	227					bottoms from B-105, ignore
B-103	1962	4	220					anomalously high solids, ignore
B-103	1963	2	59	56	**56**	**BSltCk**		
B-103	1964	2		9		CWP2	314	2.90 vol %
B-103	1969	3	55	-13				unk loss
B-103	1971	2	59					
B-103	1971	4	20					
B-103	1972	1	52					
B-103	1974	4	68					
B-103	1993	2	59					
B-103	1993	4	59	4				unk gain
B-104	1942	2		173	**173**	**2C1**	2537	6.8 vol%
B-104	1950	2		11	**11**	**2C2**	336	3.4 vol%
B-104	1950	3		121	**121**	**1C2**	486	24.9vol%
B-104	1953	1	309	4	**4**	**UNK (No Assign.)**		unk. gain, (unk, no TLM assignment)
B-104	1953	3					292	SL 242-B
B-104	1953	4		58		BSltCk	292	20 vol% Rec'd TBP Waste Evap Bottoms
B-104	1957	2	40					ignore
B-104	1957	3	365	-2				unk loss
B-104	1957	4	530					
B-104	1963	4	409					
B-104	1970	2	414					
B-104	1970	3	400					
B-104	1976	2	395					
B-104	1993	2	370					
B-104	1993	4	370	5	**61**	**BSltCk**		unk gain
B-105	1953	1	39					Cascaded 1C1 & 2C1
B-105	1953	4	28	28	**16**	**2C1**		Active bottoms tank
B-105	1954	3			**12**	**1C2**	3753	SL-242-B
B-105	1957	4	490	462				
B-105	1975	2	491					
B-105	1975	3	293					salt filled
B-105	1993	2	158					
B-105	1993	4	158	-184	**130**	**BSltCk**		unk loss
B-106	1953	1	0					
B-106	1954	2	0					Evap feed tank
B-106	1954	3	137	137				
B-106	1956	4	100					
B-106	1957	2	125					
B-106	1957	4	167					
B-106	1963	2	114					
B-106	1965	2	145					
B-106	1971	2	172					
B-106	1972	2	153					
B-106	1973	1	147					
B-106	1974	4	125					
B-106	1993	2	116					
B-106	1993	4	116	-21	**116**	**BSltCk**		unk loss

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
B-107	1946	2		218		1C1	1590	13.7 vol%
B-107	1953	1	220	2				unk gain, prob 1C1
B-107	1953	3	172					1C re-evaporated bottoms, loss of 1C1
B-107	1954	3	225				897	SL 242-B
B-107	1957	2	230					
B-107	1957	4	261					
B-107	1963	2	271	51				unk gain
B-107	1963	3		8		CWP2	264	2.9 vol%
B-107	1965	2	202	-77				unk loss
B-107	1969	3	200					
B-107	1972	2	193					Suspect leaker
B-107	1993	2	164					
B-107	1993	4	164	-38	**164**	**1C1**		unk loss
B-108	1953	1	34	34	**34**	**1C1**	975	SL 242-B, cascaded 1C solids.
B-108	1954	4	65	31		BSltCk		Cascading
B-108	1957	2	114					
B-108	1963	2	120					
B-108	1963	3		12		CWP2	410	2.9 vol%
B-108	1965	2	125					
B-108	1969	2	117					
B-108	1971	2	122	45				unk gain
B-108	1971	4	78					ignore
B-108	1972	1	113	-9				unk loss
B-108	1973	1	112					
B-108	1974	1	114					
B-108	1976	2	112					Evap.Feed Dil.
B-108	1977	4	70					
B-108	1993	2	94					
B-108	1993	4	94	-19	**60**	**BSltCk**		loss due to redissolution possible upper layer of CW.
B-109	1953	1	0					
B-109	1954	3	128	128			1323	SL 242-B, re-evaporated bottoms
B-109	1957	2	232	104				SL 242-B, re-evaporated bottoms
B-109	1957	3	76					
B-109	1958	3	70					
B-109	1963	2	84	-148	**84**	**BSltCk**		drawdown -solids sent to C-111
B-109	1963	4		13	**13**	**CWP2**	457	2.9 vol%
B-109	1965	2	134	37		unk		unk gain, possible solids from C-farm (1,300 kgal cascaded)
B-109	1970	2	161					
B-109	1972	1	136					
B-109	1974	4	117					
B-109	1977	3	120					Evap feed conc. resid liq dil
B-109	1993	2	127					
B-109	1993	4	127	-7	**30**	**UNK (No Assign.)**		unk losses and gains, (unk, no TLM assignment)
B-110	1953	1		143	**143**	**2C1**	2103	6.8 vol %
B-110	1953	1		148	**100**	**2C2**	4346	3.4 vol%
B-110	1953	3	378	87				UNK gain
B-110	1953	4	243					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
B-110	1955	1	348					
B-110	1955	3	243					
B-110	1963	2	282	-242				unk loss
B-110	1963	4		0		DW	147	1 vol%, also known as 5-6#
B-110	1965	2	332	49				unk gain
B-110	1967	3	243	-89				unk loss
B-110	1967	4		26	**3**	**P2**	674	3.9 vol%
B-110	1968	1		1		B	135	0.5 vol %
B-110	1968	2	297	27				unk gain
B-110	1969	3		2		CSR	199	1 vol%
B-110	1972	2	282					Suspect leaker
B-110	1993	2	245	-54				unk loss
B-110	1993	4	246	1				unk gain
B-111	1953	3	237	237				2C2 by cascade ?
B-111	1953	4	161	-76				unk loss
B-111	1955	2	195					
B-111	1955	3	249					
B-111	1956	4	243	82				unk gain
B-111	1957	1	161					ignore
B-111	1957	1			**209**	**2C2**		
B-111	1962	2		1	**1**	**DW**	216	0.5 vol%, Receives B plant flushes, also known as 5-6#.
B-111	1963	2	300					
B-111	1965	2	310	66				unk gain
B-111	1967	3		26	**26**	**P2**	669	3.9 vol %, also known as FP
B-111	1967	3	161					
B-111	1968	3	241					
B-111	1970	1	232					
B-111	1970	2	244	19		CSR	1874	1 vol%
B-111	1972	1	241					
B-111	1972	2	246					
B-111	1973	1	249					
B-111	1976	2	246					Evap. feed dil.
B-111	1993	2	236					
B-111	1993	4	236	-119				unk loss
B-112	1953	3	0					
B-112	1957	2	23	23				2C2 cascaded solids?
B-112	1957	4	43	20				unk gain
B-112	1961	2	29					
B-112	1962	2	35					
B-112	1962	4		0		DW	5	1 vol%, also known as 5-6#
B-112	1962	4	40					
B-112	1963	2	35					
B-112	1967	3	40	11				unk gain
B-112	1968	2	18					
B-112	1969	2		0		P2	3	3.9 vol%
B-112	1972	3	14	-40	**14**	**2C2**		ITS bottoms and recycle, 2C2 cascaded solids?
B-112	1974	4	35					
B-112	1977	2	37					Evap. feed con.
B-112	1993	2	30					
B-112	1993	4	30	-16	**16**	**BYSltCk**		unk loss

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
B-201	1953	2	55	55				
B-201	1958	2	28					
B-201	1958	3	24					
B-201	1958	4	29					
B-201	1960	4	55					
B-201	1963	2	50					
B-201	1970	3	30					
B-201	1973	1	26					Suspect leaker
B-201	1974	4	29					
B-201	1979	1	27					
B-201	1980	4	28					
B-201	1993	2	28					
B-201	1993	4	28	-27	**28**	**224**		unk loss
B-202	1953	3	26	26				
B-202	1954	3	25					Active cascade to crib
B-202	1962	2		0		B	8	0.5 vol %
B-202	1962	2	26					
B-202	1963	2	25					
B-202	1971	4	29					
B-202	1973	4	27					
B-202	1980	4	28					
B-202	1993	2	27					
B-202	1993	4	27	1	**27**	**224**		unk gain
B-203	1953	2	55	55				
B-203	1957	1	55					
B-203	1963	4	54					
B-203	1969	4	54					
B-203	1971	4	49					
B-203	1973	4	44					
B-203	1974	1	44					
B-203	1976	3	45					
B-203	1977	3	47					
B-203	1980	4	48					
B-203	1993	2	50					
B-203	1993	4	50	-5	**50**	**224**		unk loss
B-204	1953	1		1		DW	123	1 vol%
B-204	1953	2	55	54		224	372	
B-204	1959	4	54					
B-204	1971	4	48					
B-204	1973	4	46					
B-204	1980	4	47					
B-204	1993	2	49					
B-204	1993	4	49	-6	**49**	**224**		unk loss
BX-101	1951	1		453		MW	3778	12 vol %
BX-101	1953	3	165	-288				unk loss
BX-101	1953	4	150					
BX-101	1954	1	90	-75			-467	SL BX-103, unk loss

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
BX-101	1954	2	0					ignore
BX-101	1963	2	84	-6				unk loss
BX-101	1965	2	68	-16				unk loss
BX-101	1968	2	59					
BX-101	1968	4	57	-11				unk loss
BX-101	1969	1	51					
BX-101	1969	2		12		BL	478	2.50 vol %
BX-101	1969	2	65	-4				unk loss
BX-101	1969	3	28					ignore
BX-101	1969	4	43					
BX-101	1970	1	48					
BX-101	1970	2	62					
BX-101	1970	3	46					
BX-101	1971	1	51					
BX-101	1971	4	57					
BX-101	1972	3	29	-36	**29**	**MW**		unk loss
BX-101	1972	4		134		CSR	13390	1 vol%
BX-101	1973	4	46					BL from B-101 suspect leaker
BX-101	1974	4	43					
BX-101	1976	2	46	-117				unk loss
BX-101	1993	2	42					
BX-101	1993	4	42	-4	**13**	**(BL)**		unk loss, unk assign to BL
BX-102	1954	1						SL BX-103, MW removal in progress
BX-102	1962	3				CWP1	-530	CWP1 from C-102
BX-102	1964	2	95	95				
BX-102	1964	4	94					
BX-102	1965	2	62	-33				unk loss
BX-102	1968	4				CWP2		CWP2 from BX-103 9 kgal solids lost
BX-102	1968	4	61			BL		BL from BX-101
BX-102	1969	1	63					
BX-102	1969	2	72	10				unk gain
BX-102	1969	3	51	-21				unk loss
BX-102	1969	4	40					
BX-102	1970	1	35	-16	**23**	**MW**		unk loss due to drawdown
BX-102	1970	3	40	5	**5**	**CWP2**	3716	CWP2 from BX-103 5 kgal from BX-103
BX-102	1971	4		68	**68**	**DE**	105	Diatomaceous earth added at 0.651 kgal/ton
BX-102	1971	4	41	-67				tank leaks, unk loss
BX-102	1974	4	40					
BX-102	1993	2	96					LC solids measurment 57 to 96
BX-102	1993	4	96	41				unk gain, swollen DE, LC solids measurement 57 to 96
BX-103	1954	1					997	SL BX-101,BX-102
BX-103	1954	2					-3787	SL UR
BX-103	1964	2	95	95				unk gain
BX-103	1965	2	90	-5				unk loss
BX-103	1968	4	74					
BX-103	1969	1	72	-18				unk loss
BX-103	1969	2	76					
BX-103	1969	2		29		P		P from C-102
BX-103	1969	3	18					ignore
BX-103	1969	4	62	-39				unk loss

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
BX-103	1970	1	37	-25				unk loss
BX-103	1970	1		1		B		B from B-101
BX-103	1970	1		12		CWP2	120	CWP2 from C-104
BX-103	1970	2	51	1				unk gain
BX-103	1970	3	48					
BX-103	1970	4	51					
BX-103	1971	4	54	3				unk gain
BX-103	1972	3	11					ignore
BX-103	1973	1	34	-20				unk loss
BX-103	1973	4	46					
BX-103	1974	2	26					
BX-103	1974	3	46					
BX-103	1974	4	65					
BX-103	1975	1	54	20	**54**	**MW**		unk gain
BX-103	1977	1	76	22				unk gain
BX-103	1993	2	62					
BX-103	1993	4	62	-14	**8**	**(CWP2)**		unk assign to CWP2 from secondary transfer, unk loss
BX-104	1951	4					-530	SL BX-106
BX-104	1954	2		341		MW	2843	12 vol %
BX-104	1954	3	80	-261				loss of MW
BX-104	1954	4	7					sluicing
BX-104	1955	1	1					
BX-104	1955	2	0					ignore
BX-104	1963	2	112					ignore
BX-104	1964	2		0		CWP2	12	2.9 vol%
BX-104	1965	2	87	-25				unk loss
BX-104	1968	4	73					
BX-104	1969	1	90					
BX-104	1969	2	88					
BX-104	1969	3	57	-30				unk loss
BX-104	1969	4	65					unk gain
BX-104	1971	1	68					
BX-104	1971	4	78					
BX-104	1972	1	41	-16	**41**	**MW**		unk loss
BX-104	1973	1	62					
BX-104	1974	1	106	65				unk gain
BX-104	1974	4	65	-41				unk loss
BX-104	1976	1	179	114				unk gain
BX-104	1976	2	65					
BX-104	1977	2	76					Customer Waste Receiver, Evap. Feed Trans
BX-104	1977	3	79	-100				unk loss
BX-104	1978	1	114	35				unk gain
BX-104	1978	2	134					
BX-104	1978	4	136	22				unk gain
BX-104	1980	4	90					
BX-104	1993	2	96					
BX-104	1993	4	96	-40	**55**	**UNK (No Assign.)**		unk loss, (unk, no TLM assignment)
BX-105	1954	2					-530	SL BX-106
BX-105	1954	4	5					sluicing
BX-105	1955	1	1					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
BX-105	1955	3	0					Leach Tk to recover U
BX-105	1963	2	106				445	CWP2 from C-102, 524 from BY-110
BX-105	1963	2		106		unk		Possibly some PeFCN/2 from BY-110 and MW.
BX-105	1965	2	98	-8				unk loss
BX-105	1968	1	95					
BX-105	1968	2	98	3		CWP2		CWP2 from C-102
BX-105	1969	3	65	-36				unk loss
BX-105	1972	1	52	-13				unk loss
BX-105	1974	4	54					
BX-105	1977	2	62	10		B1SltCk		Evap. feed bottoms
BX-105	1977	3	79	17				unk gain
BX-105	1978	2	62	-17				unk loss
BX-105	1978	3	65					
BX-105	1978	4	73	11				unk gain
BX-105	1980	2	57					
BX-105	1993	2	46					
BX-105	1993	4	46	-27	**46**	**(MW)**		unk assign to MW, unk loss
BX-106	1954	2					1060	SL BX-104, BX-105
BX-106	1955	2					-2922	SL UR
BX-106	1955	2		33		MW		
BX-106	1963	2		13		CWP	443	CWP from C-102 sluiced
BX-106	1965	2	54	8		unk		Possibly some PeFCN/2
BX-106	1968	4	33	-21				unk loss
BX-106	1969	3	0					ignore
BX-106	1970	4	37					
BX-106	1971	1	43					
BX-106	1971	4	51					
BX-106	1972	1	65					
BX-106	1972	2	40	7				unk gain
BX-106	1972	3	10					ignore
BX-106	1974	4	26	-14	**3**	**MW**		unk loss
BX-106	1977	3	29					
BX-106	1993	2	31					
BX-106	1993	4	31	5	**28**	**BYSltCk**		unk gain
BX-107	1949	3		145	**213**	**1C1**	1060	13.7 vol%
BX-107	1950	4		131	**131**	**1C2**	530	24.9 vol%
BX-107	1953	1	437	161				unk gain, probably 1C1
BX-107	1953	2		17		UR	613	2.8 vol %?
BX-107	1963	2	447	-7				unk loss
BX-107	1965	2	428					
BX-107	1968	4	409					158 to BX-106
BX-107	1969	3	376					Evap. feed dil., unk loss
BX-107	1993	2	344					
BX-107	1993	4	344	-103				probably some UR on top, unk loss
BX-108	1953	1	10					ignore
BX-108	1955	1	88	88	**13**	**1C1**		
BX-108	1957	4	87		**13**	**1C2**		
BX-108	1958	2	80					
BX-108	1963	2	57					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
BX-108	1965	2	90	2				possibly CWP2 from C-108 or cascaded UR
BX-108	1968	4	87					
BX-108	1969	3	54					
BX-108	1972	2	34	-56				UNK loss
BX-108	1974	4	13					ignore
BX-108	1976	2	15					ignore
BX-108	1978	1	26					
BX-108	1993	2	26					
BX-108	1993	4	26	-8				unk loss
BX-109	1953	1	34	34	**34**	**1C2**		cascaded 1C2
BX-109	1954	3		176		UR	6277	2.8 vol %
BX-109	1954	3	314	104				increase of UR
BX-109	1955	1	298					
BX-109	1957	2	320					
BX-109	1957	4	298					245 scavenged
BX-109	1964	2	244	-70				unk loss
BX-109	1965	2	296					possibly CWP2 from C-102
BX-109	1968	4	283					
BX-109	1969	1		3		CSR	249	1 vol%
BX-109	1969	3	250					
BX-109	1972	2	211					
BX-109	1974	4	200					
BX-109	1975	1	206					
BX-109	1975	3	200	-47				unk loss
BX-109	1976	2	208					
BX-109	1993	2	193					
BX-109	1993	4	193	-7	**159**	**UR**		unk loss
BX-110	1949	4		58	**58**	**1C1**	420	13.7 vol%
BX-110	1950	2		159	**98**	**1C2**	640	24.9 vol%
BX-110	1953	1	133					ignore
BX-110	1954	1	276	59				unk gain
BX-110	1954	2	236					
BX-110	1957	2	248					
BX-110	1957	4	326			B1SltCk		B1SltCk from 242-B campaign
BX-110	1963	2	197			CWP2		CWP2 from C-102, 2.9 vol%
BX-110	1965	2	277					ignore
BX-110	1969	1		2		CSR	229	1 vol%
BX-110	1969	3	156	122				unk loss, prob washed out
BX-110	1972	1	290					ITS bottoms and recycle
BX-110	1972	2	227					
BX-110	1973	2	238					
BX-110	1974	1	288					
BX-110	1974	4	249					
BX-110	1976	1	250					
BX-110	1976	2	249					Evap. feed concentrate
BX-110	1980	1	200					
BX-110	1993	2	198					
BX-110	1993	4	198	42	**42**	**BYSltCk**		
BX-111	1954	1	32	32	**32**	**1C2**		1C2 cascaded

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
BX-111	1957	2	62	30		B1SltCk		B1SltCk from 242-B evaporator campaign
BX-111	1957	4	51					ignore
BX-111	1965	2	79	17				Unk gain prob B1Sltck
BX-111	1969	3	33	-46				Unk loss prob dissolved
BX-111	1972	1	118					ITS bottom and recycle
BX-111	1972	2	68					ignore
BX-111	1973	2	128					
BX-111	1974	1	234					
BX-111	1974	4	216					
BX-111	1977	4	211					
BX-111	1993	2	211					
BX-111	1993	4	211	178	**179**	**BYSltCk**		Evap. feed concentrate
BX-112	1951	4		132	**132**	**1C2**	530	24.9 vol%
BX-112	1953	1	239	107		unk		B1Sltck???
BX-112	1954	1	270	31				unk gain
BX-112	1957	2	287					
BX-112	1963	2	271					
BX-112	1965	2	318	3		CWP2		CWP2 from C-102
BX-112	1969	1		2		CSR	179	1 vol%
BX-112	1969	3	134					ignore
BX-112	1972	3	232					
BX-112	1973	1	216					
BX-112	1974	4	178					Evap. feed dil.
BX-112	1978	4	169					
BX-112	1993	2	164					
BX-112	1993	4	164	-111	**32**	**(BSltCk)**		unk assign to BSltCK?
BY-101	1963	2	37	37	**37**	**(MW)**		unk assign to MW (heel)
BY-101	1967	3	109					filled from BY-108,C-107,C-108
BY-101	1967	4	376					ITS campaign
BY-101	1968	1	378					
BY-101	1968	4	29					ignore
BY-101	1969	1	281					
BY-101	1969	2	274					
BY-101	1969	3	310					
BY-101	1969	4	332					
BY-101	1970	1	337					
BY-101	1970	4	340					
BY-101	1971	2	386					
BY-101	1971	4	398					
BY-101	1972	3	418					
BY-101	1974	4	398					
BY-101	1977	2	439					
BY-101	1993	2	387					
BY-101	1993	4	387	350	**350**	**BYSltCk**		ITS slt ck
BY-102	1957	3	18	18	**18**	**(MW)**		unk assign to MW, sluiced, MW heel
BY-102	1963	2	29	11	**11**	**UNK (No Assign.)**		Rec'd from BY-107, (unk, no TLM assignment)
BY-102	1968	3	314					ITS campaign
BY-102	1968	4	250					
BY-102	1971	2	155					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
BY-102	1972	1	197					
BY-102	1972	4	246					
BY-102	1973	1	194					
BY-102	1973	4	208					
BY-102	1974	4	200					
BY-102	1977	2	233					
BY-102	1977	3	436					
BY-102	1978	2	417					
BY-102	1993	2	341					
BY-102	1993	4	341	312	**312**	**BYSltCk**		ITS bottoms
BY-103	1963	2	21					
BY-103	1966	3		34		CWP2	1161	2.90 vol %
BY-103	1969	1	8					uncertain about measurements
BY-103	1969	3	1					uncertain about measurements
BY-103	1969	4	8					uncertain about measurements
BY-103	1970	1	3					uncertain about measurements
BY-103	1970	2	4					ITS feed
BY-103	1970	4	9	-25	**9**	**CWP2**		Unk loss
BY-103	1971	1	65					
BY-103	1971	2	128					
BY-103	1971	3	142					
BY-103	1971	4	202					
BY-103	1972	1	298					
BY-103	1972	2	351					
BY-103	1972	3	428					
BY-103	1973	1	469					
BY-103	1973	3	458					
BY-103	1974	3	469					
BY-103	1974	4	461					
BY-103	1980	4	458					
BY-103	1993	2	400					
BY-103	1993	4	400	391	**391**	**BYSltCK**		ITS bottoms
BY-104	1956	3	303			PFeCN/2	317	SL BY-106, BY-110, BY-107, BY-108, BY-106, BY-
BY-104	1956	4	323					
BY-104	1957	2	277					
BY-104	1957	3	244					
BY-104	1963	2	263			PFeCN/2	226	SL BY-110, BY-108, BY-106, BY-110, BY-108, BY-
BY-104	1965	2	227	227		PFeCN/2		Final PFeCN/2 prediction
BY-104	1967	2	205					
BY-104	1967	3	244					
BY-104	1968	2	212					
BY-104	1969	1	244					
BY-104	1969	2	233					
BY-104	1969	3	244					
BY-104	1969	4	240					
BY-104	1970	1	206					
BY-104	1970	2	44					ignore
BY-104	1970	3	112					
BY-104	1970	4	131					
BY-104	1971	1	150	-77	**150**	**PFeCN/2**		loss 77 kgal to ITS

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
BY-104	1971	3	425					ITS bottoms receiver
BY-104	1971	4	618					
BY-104	1972	3	310					
BY-104	1973	1	469					
BY-104	1973	4	628					
BY-104	1974	1	469					
BY-104	1977	3	623					
BY-104	1993	2	326					
BY-104	1993	4	326	176	**176**	**BYSltCk**		
BY-105	1954	4	14					
BY-105	1955	1	16	16	**16**	**MW**		MW heel after sluicing
BY-105	1955	4				PFeCN1	91	SL BY-108
BY-105	1956	1	350				51	SL BY-110, BY-107, BY-106
BY-105	1956	2				PFeCN2	245	SL BY-108, BY-110, BY-108, BY-106, BY-107, BY-
BY-105	1956	2	384					ignore
BY-105	1957	3	213					
BY-105	1963	2	222	206		PFeCN2		total PFeCN prediction
BY-105	1965	2	186					
BY-105	1967	3	39					ignore
BY-105	1967	4	88					ignore
BY-105	1968	3	158	-64	**142**	**PFeCN2**		PFeCN loss to ITS
BY-105	1969	1	165					
BY-105	1969	2	153					ITS bottoms receiver
BY-105	1969	3	194					
BY-105	1969	4	189					
BY-105	1970	1	191					
BY-105	1970	2	216					
BY-105	1970	3	299					
BY-105	1971	1	340					
BY-105	1971	2	469					
BY-105	1971	4	653					
BY-105	1972	3	591					
BY-105	1973	1	628					
BY-105	1974	4	626					
BY-105	1977	1			**337**	**BYSltCk**		
BY-105	1993	2	503					
BY-105	1993	4	503	-345	**8**	**CEM**	8	Cement layer 63 tons @ 0.12 kgal/ton, unk loss
BY-106	1955	1		54		PFeCN1	1461	3.7 vol %
BY-106	1955	1	40					
BY-106	1955	2	107		**54**	**PFeCN1**		
BY-106	1955	4	120					
BY-106	1956	1	150					
BY-106	1956	2	180					
BY-106	1956	3	164					
BY-106	1956	4	168				-179	SL BY-105, BY-104
BY-106	1957	1		154		PFeCN2	4810	3.2 vol %
BY-106	1957	1	111	-97		PFeCN2		total PFeCN1&2 prediction
BY-106	1963	2	150					ignore
BY-106	1965	2	103					
BY-106	1969	1	105					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
BY-106	1969	2	93					
BY-106	1969	3	96					
BY-106	1969	4	95					
BY-106	1970	1	103					
BY-106	1970	2	96					
BY-106	1970	3	98	-13	**44**	**PFeCN2**		loss 13 to ITS
BY-106	1970	4	164					ITS bottoms and recycle
BY-106	1971	1	249					
BY-106	1971	2	288					
BY-106	1972	1	296					
BY-106	1972	4	563					
BY-106	1973	1	447					
BY-106	1973	2	494					
BY-106	1974	4	420					
BY-106	1975	2	351					
BY-106	1977	1	593					
BY-106	1977	3	626					
BY-106	1993	2	642					
BY-106	1993	4	642	544	**544**	**BYSltCK**		
BY-107	1951	3		376		1C2	1511	24.9 vol%
BY-107	1953	1	1		**24**	**1C2**	-757	loss to B-106, ignore
BY-107	1953	2		20		UR	711	2.8 vol %
BY-107	1954	3	44	-352	**20**	**UR**		washed out to B-106, ignore solids measurments
BY-107	1954	4	1					ignore solids, Use 35 kgal drawdown
BY-107	1955	1	72	28				
BY-107	1955	2	45					ignore
BY-107	1955	3		145		PFeCN1	3916	3.7 vol %
BY-107	1955	3	142					
BY-107	1955	4	147					
BY-107	1956	1	160					
BY-107	1956	2	168					
BY-107	1956	3	87	-130	**43**	**PFeCN1**	-191	SL BY-104, BY-105
BY-107	1956	4	150					
BY-107	1957	1		168		PFeCN2	5211	3.2 vol %
BY-107	1957	3	178					
BY-107	1957	4	172					
BY-107	1958	4	150					
BY-107	1963	2	178					
BY-107	1965	2	150			PFeCN2		Total PFeCN1&2 layer
BY-107	1970	1	58					ignore
BY-107	1970	2	61					ignore
BY-107	1970	3	43					ignore
BY-107	1970	4	106					
BY-107	1971	1	117	-135	**30**	**PFeCN2**		ITS bottoms, loss to ITS
BY-107	1973	1	175					
BY-107	1974	2	444					
BY-107	1974	4	183					
BY-107	1975	1	367					
BY-107	1978	1	326					
BY-107	1993	2	266					
BY-107	1993	4	266	149	**149**	**BYSltCK**		

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
BY-108	1955	1		43		PFeCN1	1162	3.7 vol %
BY-108	1955	1	33	-10				loss to B-106 and CRIB
BY-108	1955	2		24		PFeCN1	657	3.7 vol %
BY-108	1955	2	98	41				unk gain, rec from BY-107
BY-108	1955	3		23		PFeCN1	624	3.7 vol %
BY-108	1955	3	197	76				unk gain, rec from BY-107
BY-108	1955	4		43	**133**	**PFeCN1**	1161	3.7 vol %
BY-108	1955	4	200					
BY-108	1956	1	205					
BY-108	1956	2	179					
BY-108	1956	3	194					
BY-108	1956	4	201				-256	SL BY-104, BY-105
BY-108	1957	1		165		PFeCN2	5141	3.2 vol %
BY-108	1957	2	249					
BY-108	1957	3	213				-64	SL BY-104
BY-108	1957	4	210					
BY-108	1963	2	202	-293				202, Total PFeCN1&2 layer, unk loss
BY-108	1965	2	178					
BY-108	1968	3	125					
BY-108	1969	1	165	-37	**32**	**PFeCN2**		ITS Bottoms and recycle, loss to ITS
BY-108	1969	2	222					
BY-108	1969	3	194					
BY-108	1969	4	233					
BY-108	1970	1	224					
BY-108	1970	2	176					
BY-108	1970	3	194					
BY-108	1970	4	65					ignore
BY-108	1971	1	98					ignore
BY-108	1971	2	385					
BY-108	1971	3	388					
BY-108	1971	4	381					
BY-108	1972	4	304					
BY-108	1974	4	359					
BY-108	1993	2	228					
BY-108	1993	4	228	63	**63**	**BYSltCK**		
BY-109	1956	3	36	36	**36**	**(MW)**		sluiced, assign to MW heel, C-104,B-103,BY-101,BY-108,BY-112
BY-109	1956	4	66					supernatant receiver for MW slurries
BY-109	1957	3	46					
BY-109	1963	2	76					
BY-109	1965	2	57					
BY-109	1968	3	37					ITS feed tank and receiver
BY-109	1968	4	54					
BY-109	1969	1	72					
BY-109	1969	2	87					
BY-109	1969	3	79					
BY-109	1969	4	114					
BY-109	1970	1	190					
BY-109	1970	2	120					
BY-109	1970	3	128					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
BY-109	1970	4	142					
BY-109	1971	1	150					
BY-109	1971	2	128					
BY-109	1971	4	153					
BY-109	1972	2	222					
BY-109	1972	3	260					
BY-109	1972	4	334					
BY-109	1973	1	381					
BY-109	1973	2	398					
BY-109	1973	4	411					
BY-109	1974	2	433					
BY-109	1974	4	425					
BY-109	1977	2	433					
BY-109	1993	2	423					
BY-109	1993	4	423	387	**387**	**BYSltCk**		
BY-110	1952	3		161		1C2	649	24.9 vol%
BY-110	1952	4		1		DW	79	1 vol%
BY-110	1954	4	51	-111	**37**	**1C2**		drawdown to 37, loss to B-038
BY-110	1955	1	121	70				gain of PFeCN1
BY-110	1955	2	85					
BY-110	1955	3		136		PFeCN1	3668	3.7 vol %
BY-110	1955	4	148	-109	**111**	**PFeCN1**		unk loss
BY-110	1956	1	150					
BY-110	1956	3	211					
BY-110	1956	4	229				-189	SL BY-104, BY-105
BY-110	1957	1	210					
BY-110	1957	2	205					
BY-110	1957	2		167		PFeCN2	5203	3.2 vol %
BY-110	1957	3	211					
BY-110	1957	4	210	-105				173 Total PFeCN1&2 layer, unk loss
BY-110	1963	2	246					
BY-110	1965	2	230					
BY-110	1969	2	189					
BY-110	1969	3	123					
BY-110	1970	1	201					
BY-110	1970	2	190	-20	**42**	**PFeCN2**		loss to ITS
BY-110	1970	3	211					ITS bottoms and receiver
BY-110	1970	4	277					
BY-110	1974	4	296					
BY-110	1977	1	376					
BY-110	1977	3	469					
BY-110	1980	1	505					
BY-110	1993	2	398					
BY-110	1993	4	398	208	**208**	**BYSltCk**		
BY-111	1952	1		116		MW	964	12 vol%
BY-111	1952	4		2		UR	55	2.8 vol %
BY-111	1955	1					390	SL BY-112
BY-111	1955	3					-630	SL UR
BY-111	1957	1	26	-92	**26**	**MW**		
BY-111	1963	2	24					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
BY-111	1965	2	26					
BY-111	1967	4		0		CWP2	13	2.9 vol%
BY-111	1968	3	145					ITS bottoms and recycle
BY-111	1969	1	48					
BY-111	1969	2	52					
BY-111	1969	3	101					
BY-111	1969	4	142					
BY-111	1970	1	266					
BY-111	1970	2	290					
BY-111	1970	3	323					
BY-111	1970	4	673					
BY-111	1971	2	686					
BY-111	1972	1	194					
BY-111	1972	2	112					
BY-111	1972	3	142					
BY-111	1974	4	299					
BY-111	1977	3	510					
BY-111	1977	4	615					
BY-111	1980	4	622					
BY-111	1993	2	459					
BY-111	1993	4	459	433	**433**	**BYSltCk**		
BY-112	1952	3		6	**2**	**MW**	46	12 vol %
BY-112	1952	4		0		DW	80	1 vol %
BY-112	1955	1					-390	SL BY-111
BY-112	1957	2		6	**6**	**PFeCN2**	172	3.2 vol %
BY-112	1963	2	29	17				Unknown gain
BY-112	1965	2	24					
BY-112	1967	4		0		CWP2	4	2.9 vol %
BY-112	1968	2	17	-12				Unknown loss
BY-112	1968	3	2					ignore
BY-112	1969	1	43					ITS Bottoms and recycle
BY-112	1969	2	59					
BY-112	1969	3	79					
BY-112	1970	1	85					
BY-112	1970	2	94					
BY-112	1970	3	145					
BY-112	1970	4	164					
BY-112	1971	1	255					
BY-112	1971	2	59					
BY-112	1971	3	166					
BY-112	1971	4	194					
BY-112	1972	1	263					
BY-112	1972	2	334					
BY-112	1972	4	315					
BY-112	1973	1	288					
BY-112	1973	3	311					
BY-112	1973	4	331					
BY-112	1974	4	310					
BY-112	1993	2	291					
BY-112	1993	4	291	274	**283**	**BYSltCk**		

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
C-101	1946	4		190	**3**	**MW**	1590	12 vol %
C-101	1953	4		30	**30**	**UR**	1055	2.8 vol %
C-101	1957	4	0	-220				sluicing tank
C-101	1958	1	98		**28**	**(CWP1)**		ignore, unk assign to CWP1, tank drawn to 61
C-101	1960	4		2	**2**	**CWP1**	19	8.1 vol %
C-101	1962	2		19	**19**	**CWP2**	637	2.90 vol %
C-101	1963	2	109	88				unk gain
C-101	1965	2		0		DW	28	1 vol %
C-101	1965	2	51	-58				unk loss, sent to B farm
C-101	1969	3	106	55				washed out
C-101	1969	4	125	19				unk gain
C-101	1970	1	87	-38				unk loss
C-101	1970	3	81					
C-101	1974	4	62					ignore
C-101	1976	2	73					
C-101	1993	2	88					
C-101	1993	4	88	1	**6**	**(CWP2)**		unk gain, assign to CWP2
C-102	1952	4				MW	-530	SL C-103
C-102	1954	1		5	**5**	**MW**		small sludge heel
C-102	1954	1		16	**16**	**UR**	552	2.8 vol %
C-102	1958	1	98				552	ignore Questionable stat record
C-102	1960	4		33	**33**	**CWP1**	401	8.10 vol %
C-102	1965	2	238	184				unk gain, REC from C-105 and C-108
C-102	1966	1		200		CWP2	6892	2.9 vol %
C-102	1966	2		26	**26**	**TH1**	443	5.8 vol %
C-102	1968	3		125	**252**	**CWP2**	4320	2.9 vol %
C-102	1968	4	307					still settling
C-102	1969	1	332	-257				numerous xfers- wash out
C-102	1969	2		25		CWP2	872	2.9 vol %
C-102	1969	2	369	12				unk gain, REC from C-110 and C-104
C-102	1969	3		14		OWW3	2262	0.6 vol%
C-102	1969	3	351	-18				unk loss
C-102	1969	4		16		CWP/ZR	550	2.9 vol %
C-102	1969	4	345	-22	**13**	**CWP/Zr**		washed out
C-102	1970	1	326					
C-102	1970	2	312					
C-102	1970	3	299					
C-102	1974	4	332					
C-102	1976	1	62					ignore
C-102	1976	2	431					
C-102	1993	2	423					
C-102	1993	4	423	78	**78**	**(CWP2)**		unk gain. unk assign to CWP2. pic shows sludge w/ shallow pools liquid
C-103	1952	4					1060	SL C-102, C-101
C-103	1953	1					-1687	SL UR
C-103	1953	2						Prob MW left after sluicing
C-103	1953	3						UR from C-101
C-103	1960	4		39		CWP1	479	8.1 vol %
C-103	1967	3	35	-4	**37**	**CWP1**		Unk loss
C-103	1970	2	85	50				unk gain, REC from BX-101

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
C-103	1970	3	99	25	**25**	**AR**		secondary transfer of AR solids from C-106
C-103	1971	1	92	-7				unk loss to C-106
C-103	1971	3	90					
C-103	1971	4	102					ignore
C-103	1972	3	90					
C-103	1974	4	73	-19				some xfer to C-104 ?
C-103	1977	1	68	-5				washed out
C-103	1977	3	150					solids continue to increase
C-103	1977	4	153	85				unk gain, Evap B plant recovery
C-103	1978	1	164	11				unk gain, REC from C-107
C-103	1978	2	167					solids continue to increase
C-103	1978	3	175	11				unk gain
C-103	1993	2	62					
C-103	1993	4	62	-113				unk loss, Prob CWP1 or AR
								Note: unaccounted solids from core 30 kgal
C-104	1947	4		190	**3**	**MW**	1590	12 vol %
C-104	1953	2					-530	SL C-106
C-104	1955	2	0	-190				
C-104	1956	1	45					ignore
C-104	1957	3	46					ignore
C-104	1958	2		103	**98**	**CWP1**	1269	8.1 vol %
C-104	1963	2	101	-2				unknown loss
C-104	1965	2	90	-11				unknown loss
C-104	1970	1		16		CWP2	535	2.9 vol %
C-104	1970	1	96	-10				unknown loss
C-104	1970	2	149					ignore
C-104	1970	3		17		CWP2	581	2.9 vol %
C-104	1970	3		29		THL	499	5.8 vol %
C-104	1970	3	92	-50				washed out BX-101?? ignore
C-104	1970	4		8	**3**	**CWP2**	279	2.9 vol %
C-104	1970	4		4	**4**	**PL**	175	2.2 vol %
C-104	1970	4		24	**24**	**TH70**	413	5.8 vol %
C-104	1970	4	132	4				unk gian, probably CWP uncertainty
C-104	1971	1		5		CWP2	189	2.9 vol %
C-104	1971	1	153	16				unknown gain
C-104	1971	3		44		CWP2	1520	2.9 vol %
C-104	1971	4	175	-22				unknown loss
C-104	1972	1		11		CWP2	364	2.9 vol %
C-104	1972	1	188	2				CWP2
C-104	1972	2		8	**66**	**CWP2**	281	2.9 vol %
C-104	1972	2	198	2				CWP2
C-104	1972	3		31	**31**	**OWW3**	5163	0.6 vol%
C-104	1972	3		18	**18**	**CWP/Zr**	623	2.9 vol %
C-104	1972	4		9	**9**	**CWP/Zr**		secondary xfer from C-103
C-104	1973	4		1	**1**	**P2**	31	3.9 vol %
C-104	1973	4		15	**15**	**(CWR2)**	1504	unk assign to CWR2 from U-107
C-104	1973	4	274					
C-104	1974	1		1		P2	27	3.9 vol %
C-104	1974	1		1		DW	90	1 vol%
C-104	1974	4		1		PL	37	2.2 vol %
C-104	1974	4	235	-42				Unk loss
C-104	1975	2		1	**1**	**P2**	33	3.9 vol %

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
C-104	1976	2		6	**6**	**PL**	261	2.2 vol %
C-104	1976	2		7		SRR		SRR solids from A-101
C-104	1976	4	246					
C-104	1977	1	268					
C-104	1977	3	274					
C-104	1977	4	290	44	**11**	**(SRR)**		unk gain Purex Waste Storage??, unk assign to SRR
C-104	1978	1	304					
C-104	1980	1	293					
C-104	1993	2	295					
C-104	1993	4	295	5	**5**	**SMMA1**		CPLX, Solids from concentrate calculated by SMM.
C-105	1953	2					-530	SL C-106
C-105	1954	3		15	**15**	**UR**	546	2.8 vol %
C-105	1956	2	15	0				
C-105	1960	2		255	**81**	**CWP1**	3151	8.1 vol %
C-105	1965	2	109					
C-105	1966	4					250	SL A-103
C-105	1968	4	96	-174				unk loss
C-105	1969	1	109					
C-105	1969	2	99	3	**3**	**(CWP1)**		unk gain, assign to CWP1
C-105	1969	3	139					various rec eventually washed out
C-105	1969	4	233					various rec eventually washed out
C-105	1970	1	123					various rec eventually washed out
C-105	1970	2	136					various rec eventually washed out
C-105	1970	3	139					various rec eventually washed out
C-105	1970	4	156					various rec eventually washed out
C-105	1971	1	162					various rec eventually washed out
C-105	1971	2	164					various rec eventually washed out
C-105	1972	1	98					various rec eventually washed out
C-105	1973	2	112					unknown loss
C-105	1974	3					48	SL A-103, A-102
C-105	1974	4	139					
C-105	1977	1	167	68				unk gain
C-105	1977	3					39	SL AX-103, AX-101, AX-102
C-105	1979	3	150	-17				unk loss
C-105	1993	2	150					
C-105	1993	4	150		**51**	**(CWP1)**		unk assign to CWP1
C-106	1953	2					1060	SL C-104, C-1105
C-106	1954	1					-1906	SL UR
C-106	1954	3		15		UR	538	2.8 vol %
C-106	1955	1	12		**15**	**UR**		ignore
C-106	1957	4	29	14		P		xfer from A-101 and A-102
C-106	1960	2		34	**34**	**CWP1**	420	8.1 vol %
C-106	1963	2	24					ignore
C-106	1965	1		0		DW	36	1 vol%
C-106	1965	2	62	-1				
C-106	1969	4		11		AR	276	4.0 vol%
C-106	1969	4	57	-16				unk loss
C-106	1970	3		17		AR	432	4.0 vol%
C-106	1970	3	79	5				unk gain
C-106	1970	4		14		AR	311	4.0 vol %

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
C-106	1970	4	145	52				unk gain
C-106	1971	1	150					
C-106	1972	2		6		AR	151	4.0 vol%
C-106	1972	2	125	-26	**64**	**AR**		unk loss, more AR cascaded from C--103
C-106	1974	4		20		BL	789	2.50 vol %
C-106	1974	4	106	-39				unk loss
C-106	1976	2		54	**20**	**BL**	2148	2.50 vol %
C-106	1977	1	145					
C-106	1977	4	156					
C-106	1978	4	142	-18				unk loss
C-106	1979	1	197	55				unk gain
C-106	1993	2	197		**32**	**(BL)**		unk assign to BL
C-106	1993	4	197		**32**	**(AR)**		unk assign to AR
C-107	1948	3		218	**218**	**1C1**	1588	13.7 vol%
C-107	1952	1	399	181				unknown gain
C-107	1953	1					-29	SL C-108
C-107	1953	3		6		UR	211	2.8 vol %
C-107	1956	4	375	-30				unknown loss
C-107	1962	2		40	**37**	**CWP2**	1370	2.9 vol %
C-107	1963	2	321					
C-107	1965	2	225	-202				unk loss
C-107	1966	1	255					
C-107	1967	4		5		HS	242	2 vol%
C-107	1970	2	200					1C measurement problems
C-107	1970	3	195					1C measurement problems
C-107	1971	2	197					1C measurement problems
C-107	1972	3	206					1C measurement problems
C-107	1974	4	191					1C measurement problems
C-107	1977	4	296					1C measurement problems
C-107	1978	1	337	20	**20**	**SRR**	393	5 vol %, Sr solids reported in Welty,
C-107	1993	2	275					
C-107	1993	4	275	25				unk gain
C-108	1952	2		25	**25**	**1C1**		cascaded solids
C-108	1952	2	34	9	**4**	**(1C1)**		unk assign to 1C1
C-108	1953	2		25	**25**	**UR**	902	2.8 vol %
C-108	1957	4	79	16	**12**	**TFeCN**	1134	1.4 vol %
C-108	1961	2		15		CWP2	502	2.9 vol %
C-108	1965	2		3		HS	142	2 vol%, also known as HS
C-108	1965	2	98	5				unk gain
C-108	1970	2	95					
C-108	1970	3	69					
C-108	1972	3	76					
C-108	1974	4	65					
C-108	1993	2	66					
C-108	1993	4	66	-32				loss to C-102,C-103, and/or C-104
C-109	1952	2	10	10	**10**	**1C1**		Cascaded solids
C-109	1956	4		14		TFeCN	995	1.4 vol %
C-109	1957	1	35	11				unk gain
C-109	1957	2		9		TFeCN	586	1.4 vol %

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
C-109	1957	2	51	7				unk gain
C-109	1957	3		13		TFeCN	949	1.4 vol %
C-109	1957	3	35	-29				loss to CRIB
C-109	1957	3		6	**42**	**TFeCN**	448	1.4 vol%
C-109	1957	4	90	49				unk gain
C-109	1964	2		3	**7**	**HS**	133	2 vol %, also known as HS
C-109	1965	2	79	-14				unk loss
C-109	1970	2	106					
C-109	1970	3	95					
C-109	1974	4	79					
C-109	1975	4	62					
C-109	1993	2	62					
C-109	1993	4	62	-17	**3**	**(TFeCN)**		assign to TFeCN, solids loss to C-103
C-110	1947	2		218		1C1	1589	13.7 vol%
C-110	1952	2	231					ignore, 1C measurment probably
C-110	1952	4		9		UR	307	2.8 vol %
C-110	1956	4		2		OWW1	360	0.6 vol%
C-110	1963	2	230	-12				unk loss
C-110	1965	2	191					problems w/ 1C1 solids measurements
C-110	1970	2	211					
C-110	1970	3	189					
C-110	1972	3	183					
C-110	1974	1	200					
C-110	1974	4	211					Poss UR remnant
C-110	1993	2	187					
C-110	1993	4	187	-43	**187**	**1C1**		unk loss
C-111	1952	2	36	36	**36**	**1C1**		UR settled on bottom
C-111	1952	4				UR	990	2.8 vol % No solids from UR
C-111	1956	1		5	**5**	**TFeCN**	397	1.4 vol %
C-111	1956	4		0		OWW1	17	0.6 vol%
C-111	1957	1		27	**16**	**CWP1**	339	8.1 vol %
C-111	1957	2	13					ignore solids reading
C-111	1957	3	54					ignore solids readings
C-111	1957	4		36		TFeCN	2554	1.4 vol %
C-111	1960	4		1		CWP1	8	8.1 vol %,unknown solids loss
C-111	1960	4	95	-10				
C-111	1964	2		5		HS	228	2 vol%
C-111	1965	2	81					unknown loss
C-111	1970	2	96					
C-111	1970	3	92					washed out
C-111	1972	2	76					
C-111	1974	4	62					
C-111	1993	2	57					
C-111	1993	4	57	-43				solids loss to C-104 and C-103, lost 12HS,29TFeCN, and 11CWP
C-112	1952	2	15	15	**15**	**1 C1**		
C-112	1954	3				UR	321	5.0 vol %, No solids from UR ?
C-112	1955	2	17					ignore
C-112	1956	4		25		TFeCN	1811	1.4 vol %

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
C-112	1956	4	39	-1				unknown loss
C-112	1957	2	21					ignore
C-112	1957	3	39					ignore solids volume
C-112	1957	4		38	**68**	**TFeCN**	2728	1.4 vol %
C-112	1958	1	46					ignore
C-112	1960	4		13	**13**	**CWP1**	166	8.1 vol %
C-112	1961	2		3	**3**	**CWP2**	88	2.9 vol %
C-112	1962	2		1	**1**	**HS**	53	2 vol%
C-112	1965	2	128	34				unknown gain
C-112	1970	2	138					
C-112	1970	3	136					
C-112	1972	3	120					
C-112	1974	4	128					
C-112	1975	4	109					
C-112	1993	2	104					
C-112	1993	4	104	-24	**4**	**(TFeCN)**		Unk loss to C-103, unk assign to TFeCN
C-201	1948	1		26		MW	220	12 vol %
C-201	1954	1	0	-26				
C-201	1954	4					-53	SL C-204
C-201	1955	4		1	**1**	**HS**	57	2 vol%, also known as SSW
C-201	1970	1	1					
C-201	1974	4	0					
C-201	1993	2	2					
C-201	1993	4	2	2	**1**	**MW**		MW heel
C-202	1954	1	0	0				
C-202	1956	2		1	**1**	**HS**	55	2 vol%, also known as SSW
C-202	1980	3	1					
C-202	1993	2	1					
C-202	1993	4	1	1				
C-203	1954	1	0					
C-203	1956	4	1		**1**	**HS**	30	2 vol%, also known as SSW
C-203	1969	4	0	0				
C-203	1970	1	5					
C-203	1972	1	3		**2**	**MW**		MW heel
C-203	1977	4	4					
C-203	1980	3	5					
C-203	1993	2	5					
C-203	1993	4	5	5	**2**	**(MW)**		unk assign to MW heel
C-204	1948	1			**2**	**MW**		MW heel
C-204	1954	1	11	11				
C-204	1954	4					53	SL C-201
C-204	1954	4	11				-53	SL UR
C-204	1955	1	0					
C-204	1956	2		1	**1**	**HS**	34	2 vol%, also known as SSW
C-204	1961	4	0					
C-204	1962	2	11					
C-204	1970	1	2					
C-204	1972	1	1					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
C-204	1974	4	0					
C-204	1980	3	1					
C-204	1993	2	3					
C-204	1993	4	3	-8				

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
S-101	1954	1		85	**85**	**R1**	1924	4.4 vol%
S-101	1954	1		2	**2**	**CWR1**	21	8.1 vol%
S-101	1954	1		1	**1**	**R1**	23	4.4 vol%
S-101	1954	2		11	**11**	**CWR1**	131	8.1 vol%
S-101	1954	2		6	**6**	**R1**	135	4.4 vol%
S-101	1955	3		16	**16**	**CWR1**	197	8.1 vol%
S-101	1969	4	211	90	**90**	**RSltCk**		unk gain
S-101	1974	1	244					
S-101	1975	2	332	121	**121**	**SMMS1**		Bottoms receiver, Solids from concentrate calculated by SMM.
S-101	1980	4	415					
S-101	1993	2	415					Hanlon report data
S-101	1993	4	415	83	**83**	**SMMS2**		Solids from concentrate calculated by SMM.
S-102	1969	3	5					
S-102	1970	4	4	4	**4**	**R1**		cascaded solids R1-poss some CWR1
S-102	1973	4	51					
S-102	1974	3	103					
S-102	1974	4	145					
S-102	1975	4	200					
S-102	1977	1	208	204	**204**	**SMMS1**		242-S feed tank, Solids from concentrate calculated by SMM.
S-102	1979	4	510					
S-102	1980	3	555	347				
S-102	1993	2	549					
S-102	1993	4	549	-6	**341**	**SMMS2**		Solids from concentrate calculated by SMM.
S-103	1954	2	0					
S-103	1966	4	5					
S-103	1969	4	9	9	**9**	**(R1)**		unk assign to R1
S-103	1978	2	120					
S-103	1978	3	167					
S-103	1978	4	128	119	**119**	**SMMS1**		bottoms receiver, Solids from concentrate calculated by SMM.
S-103	1979	4	153					
S-103	1980	4	231					
S-103	1993	2	231					
S-103	1993	4	231	103	**103**	**SMMS2**		DSS from sec 242-S, Solids from concentrate calculated by SMM.
S-104	1953	1	0					
S-104	1953	1		5	**5**	**CWR1**	61	8.1 vol %
S-104	1953	1		30	**30**	**R1**	681	4.4 vol %
S-104	1953	2		8	**8**	**CWR1**	92	8.1 vol %
S-104	1953	2		49	**49**	**R1**	1109	4.4 vol %
S-104	1953	3		3	**3**	**CWR1**	40	8.1 vol %
S-104	1954	1		12	**12**	**R1**	264	4.4 vol %
S-104	1954	2		1	**1**	**CWR1**	8	8.1 vol %
S-104	1954	2		17	**17**	**R1**	375	4.4 vol %
S-104	1955	3		7	**7**	**CWR1**	83	8.1 vol %
S-104	1969	4	241	109				unk gain
S-104	1975	1	299	58				unk gain

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
S-104	1993	2	293					
S-104	1993	4	293	-6	**161**	**RSltCk**		
S-105	1953	2	0					
S-105	1969	4	2	2	**2**	**R1**		cascaded solids primarily R1
S-105	1973	4	249					
S-105	1974	1	549	547				bottoms receiver
S-105	1980	4	488					
S-105	1993	2	407					
S-105	1993	4	407	-142	**405**	**SMMS1**		Solids from concentrate calculated by SMM.
S-106	1953	2	0					
S-106	1965	2	13	13				CWR1 from S-107 Nominal 7 vol% of rec
S-106	1969	4	32	19	**32**	**(CWR1)**		unk assign to CWR1 ? measurement error
S-106	1973	4	384					bottoms receiver
S-106	1974	1	436					
S-106	1974	4	557					
S-106	1975	1	607					
S-106	1975	3	673	641				bottoms receiver
S-106	1977	2	582					
S-106	1980	4	612					
S-106	1993	2	543	-130				unknown loss
S-106	1993	4	475	-68	**443**	**SMMS1**		unknown loss, Solids from concentrate calculated by SMM.
S-107	1953	1	0					
S-107	1954	2		92	**92**	**R1**	2091	4.4vol%
S-107	1960	4		89	**89**	**CWR1**	1108	8.1 vol %
S-107	1965	2	194	13	**13**	**RSltCk**		
S-107	1967	1		10	**18**	**CW/ZR1**	618	10.5 vol%, 269 tons of Zircaloy clad fuel was indeed processed in Redox in 1966, see HDW for justification.
S-107	1967	1		42	**42**	**CWR2**	1464	2.9 vol %
S-107	1969	4	285					ignore
S-107	1970	2	293	39	**39**	**SMMT2**	923	From Redox Evap, Solids from concentrate calculated by SMM.
S-107	1971	3						
S-107	1972	1		2		R2	66	2.3 vol%
S-107	1974	2	343	48				242-S evap camp
S-107	1974	3	282					
S-107	1974	4	343					
S-107	1980	3	340	-3	**47**	**SMMS1**		Solids from concentrate calculated by SMM.
S-107	1993	2	362					
S-107	1993	4	362	22	**22**	**SMMS2**		Solids from concentrate calculated by SMM.
S-108	1952	4	0					
S-108	1965	2	4					
S-108	1969	4	5	5	**5**	**R1**		Cascaded solids- mostly R1 possibly some CWR1
S-108	1974	1	373					
S-108	1974	2	585					
S-108	1974	3	702					Bottoms receiver
S-108	1974	4	706					
S-108	1977	1	670					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
S-108	1979	4	612					
S-108	1993	2	502					
S-108	1993	4	502	497	**497**	**SMMS1**		Solids from concentrate calculated by SMM.
S-109	1953	2	0					
S-109	1965	2	7					
S-109	1971	3	13	13	**13**	**(CWR1)**		assign to CWR1, Centrifuge solids added to S-109
S-109	1974	1	263					
S-109	1974	2	488					bottoms receiver
S-109	1974	3	653					
S-109	1977	1	568					
S-109	1993	2	507					
S-109	1993	4	507	494	**494**	**SMMS1**		Solids from concentrate calculated by SMM.
S-110	1952	3		87	**87**	**R1**	1983	4.4 vol%
S-110	1953	3		12	**12**	**CWR1**	152	R1 on bottom washed off CWR1 layer 8.1 vol %
S-110	1954	1	0					ignore
S-110	1954	1		2	**2**	**R1**	39	4.4 vol %
S-110	1965	2	106	5				unk gain
S-110	1969	4	113	7	**12**	**CWR1**		Unknown loss,Cascaded solids?
S-110	1974	1	131					
S-110	1974	4	255					
S-110	1975	1	414					
S-110	1975	3	755	642				Bottoms receiver
S-110	1975	4	689					
S-110	1977	1	475	-280				unknown loss
S-110	1979	1	692	217				unknown gain
S-110	1993	2	390					
S-110	1993	4	390	-302	**277**	**SMMS1**		unknown loss, Solids from concentrate calculated by SMM.
S-111	1952	3	0					
S-111	1965	2	144		**63**	**R1**		cascaded solids seems high
S-111	1969	4	139	139	**12**	**CWR1**		cascaded solids seems high
S-111	1974	2	334		**3**	**R1**		cascaded solids seems high
S-111	1974	3	502		**61**	**UNK (No Assign.)**		? more cascaded solids R1/CWR1? (unk, no TLM assignment)
S-111	1974	4	563					bottoms receiver
S-111	1975	1	596					
S-111	1975	3	750					
S-111	1976	4	623					
S-111	1993	2	538					
S-111	1993	4	538	399	**399**	**SMMS1**		Solids from concentrate calculated by SMM.
S-112	1957	1	0					
S-112	1965	2	4		**3**	**(CWR1)**		unk assign to CWR1, rec from S-107
S-112	1971	3	6	6	**3**	**(R1)**		unk assign to R1, cascaded solids
S-112	1974	1	367					
S-112	1974	2	598					
S-112	1974	3	686					bottoms receiver
S-112	1974	4	673					
S-112	1975	1	714					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
S-112	1976	2	706					
S-112	1977	1	673					
S-112	1980	2	672					
S-112	1993	2	637					
S-112	1993	4	523	517	**517**	**SMMS1**		Solids from concentrate calculated by SMM.
SX-101	1954	2	0					
SX-101	1955	3		154	**154**	**R1**	3490	4.4 vol %
SX-101	1965	2	447	293	**156**	**RSltCk**		
SX-101	1969	3	464					
SX-101	1969	4	465					
SX-101	1970	4	466					Anderson reports 128 sl and 338 salt cake
SX-101	1974	1	466					bottoms receiver,unknown loss
SX-101	1978	1	403	93	**93**	**(SMMS1)**		unk assign to S1SltCk, Solids from concentrate calculated by SMM.
SX-101	1980	3	447					
SX-101	1980	4	455					
SX-101	1993	2	455					
SX-101	1993	4	455	52	**52**	**SMMS2**		Solids from concentrate calculated by SMM.
SX-102	1954	2	0					
SX-102	1957	4	26	26	**26**	**R1**		cascaded solids
SX-102	1959	1	0					ignore ???
SX-102	1965	2	84	58				poss from SX-115
SX-102	1969	3	46	-38				unknown loss
SX-102	1969	4	51					
SX-102	1970	3	59	13	**33**	**(R1)**		unk assign to R1, cascaded solids from SX-103,106,107,110,114
SX-102	1974	4	117	58				bottoms receiver
SX-102	1975	1	150					
SX-102	1975	2	612					
SX-102	1975	4	499					
SX-102	1976	1	475					
SX-102	1976	4	491					
SX-102	1977	1	497	380	**438**	**SMMS1**		Solids from concentrate calculated by SMM.
SX-102	1980	3	518					
SX-102	1993	2	543					
SX-102	1993	4	543	46	**46**	**SMMS2**		Solids from concentrate calculated by SMM.
SX-103	1957	4		13	**10**	**R1**	286	4.4 vol.%
SX-103	1957	4	10	-3				unk loss
SX-103	1965	2	73					
SX-103	1967	4	128		**102**	**RSltCk**		RSltCk from SX-108,111,114
SX-103	1974	4	79					unk loss
SX-103	1975	1	112	102				And reports 112 sludge 511 salt cake
SX-103	1975	2	249					bottoms receiver
SX-103	1977	1	623					
SX-103	1978	1	758					
SX-103	1980	1	714					
SX-103	1993	2	651					
SX-103	1993	4	651	539	**539**	**SMMS1**		unknown loss, Solids from concentrate calculated by SMM.

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
SX-104	1954	2	0					
SX-104	1956	3		99	**99**	**R1**	2242	4.4 vol%
SX-104	1965	2	191	92				
SX-104	1970	3	169	-22	**70**	**RSltCk**		unk loss
SX-104	1975	3	282					bottoms receiver
SX-104	1975	4	519					
SX-104	1976	1	563					
SX-104	1977	1	673					
SX-104	1977	3	807					
SX-104	1980	1	755					
SX-104	1980	3	713					
SX-104	1993	2	614					
SX-104	1993	4	614	445	**445**	**SMMS1**		Solids from concentrate calculated by SMM.
SX-105	1955	3	0	42	**15**	**R1**	961	4.4 vol%
SX-105	1957	3	15					ignore
SX-105	1965	2	43	1	**31**	**RSltCk**		
SX-105	1966	4		9		R2	372	2.3 vol%
SX-105	1968	2	55	3	**9**	**R2**		Redox evap solids in 68q1
SX-105	1969	1	59					
SX-105	1969	3	58					
SX-105	1970	2	68					
SX-105	1970	3	66					
SX-105	1974	4	37					ignore
SX-105	1975	1	73	18	**18**	**SMMT2**		Solids from concentrate calculated by SMM.
SX-105	1975	3	263					bottoms receiver
SX-105	1975	4	464					
SX-105	1976	1	491					
SX-105	1976	4	480					
SX-105	1977	1	739					
SX-105	1978	3	741					
SX-105	1980	3	673					
SX-105	1993	2	683					
SX-105	1993	4	683	610	**610**	**SMMS1**		Solids from concentrate calculated by SMM.
SX-106	1954	1	0					
SX-106	1969	3	1		**1**	**RSltCk**		
SX-106	1975	1	9	8				unk gain, SltCk
SX-106	1975	4	26	20				unk gain, SltCk
SX-106	1976	4	29					
SX-106	1977	1	373					
SX-106	1978	1	150					
SX-106	1978	4	87	58	**86**	**SMMS1**		Solids from concentrate calculated by SMM.
SX-106	1980	4	477					
SX-106	1993	2	477					
SX-106	1993	4	477	390	**390**	**SMMS2**		Solids from concentrate calculated by SMM.
SX-107	1956	2	0					
SX-107	1957	4		63	**63**	**R1**	1423	4.4 vol%
SX-107	1958	3	2					ignore
SX-107	1964	2		24	**24**	**R2**	1045	2.3 vol%

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
SX-107	1965	2	13					ignore
SX-107	1967	4						
SX-107	1967	4	101	14		RSltCk		unk gain
SX-107	1968	2	98					ignore
SX-107	1968	3	146	45				unk gain
SX-107	1968	4	147					
SX-107	1969	1	136					
SX-107	1969	2	135					
SX-107	1969	4	134					
SX-107	1970	2	131					
SX-107	1971	4	110	-36				unk loss
SX-107	1974	4	109					
SX-107	1993	2	104					
SX-107	1993	4	104	-6	**17**	**RSltCk**		
SX-108	1958	3		69	**69**	**R1**	1564	4.4 vol%
SX-108	1958	3	3					ignore
SX-108	1962	3		27	**18**	**R2**	1193	2.3 vol %
SX-108	1965	2	16					ignore
SX-108	1967	4	120	24				unk gain
SX-108	1968	2	130					
SX-108	1968	3	126					
SX-108	1969	1	145					RATIO OF R1/R2?
SX-108	1969	2	143					
SX-108	1969	4	142					
SX-108	1974	4	87					
SX-108	1993	2	87					
SX-108	1993	4	87	-33				unk loss
SX-109	1956	4		44	**44**	**R1**	1000	4.4 vol%
SX-109	1962	3		16	**16**	**R2**	712	2.3 vol %
SX-109	1965	2	68	8		RSltCk		ignore
SX-109	1967	4	164	59				unk gain
SX-109	1968	2	180					
SX-109	1968	3	186					
SX-109	1968	4	187					
SX-109	1969	1	191					
SX-109	1969	2	187					
SX-109	1969	3	178					
SX-109	1969	4	176					
SX-109	1970	2	194					
SX-109	1970	3	193					
SX-109	1970	4	189					
SX-109	1972	2	35					ignore
SX-109	1972	3	189					self conc,leaker
SX-109	1974	1	257					
SX-109	1993	2	250					
SX-109	1993	4	250	86	**190**	**RSltCk**		unk gain
SX-110	1960	4		16		R2	714	2.3 vol %
SX-110	1965	2	51					ignore
SX-110	1965	4		21		R2	910	2.3 vol %

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
SX-110	1967	4	32	-5	**32**	**R2**		
SX-110	1968	2	58					
SX-110	1968	3	50					
SX-110	1968	4	42					
SX-110	1969	2	8					low sludge due to agitation
SX-110	1969	4	24					
SX-110	1970	2	32					
SX-110	1979	4	62					
SX-110	1993	2	62					
SX-110	1993	4	62	30	**30**	**RSltCk**		self conc
SX-111	1956	2		42	**42**	**R1**	963	4.4 vol %
SX-111	1958	3	29					ignore
SX-111	1959	1	0					ignore
SX-111	1965	2	24					ignore
SX-111	1967	4		41	**41**	**R2**	1809	2.3 vol %
SX-111	1967	4	84	1		RSltCk		unk gain
SX-111	1968	2	102					
SX-111	1968	3	88					
SX-111	1969	1	90					
SX-111	1969	3	72					
SX-111	1969	4	77					
SX-111	1974	2	83					
SX-111	1974	3	128					
SX-111	1974	4	125					
SX-111	1993	2	125					
SX-111	1993	4	125	41	**42**	**RSltCk**		self conc.
SX-112	1957	1	0	44	**44**	**R1**	1001	4.4 vol %
SX-112	1958	3	48	4	**4**	**RSltCk**		
SX-112	1960	3	0					ignore
SX-112	1965	2		33		R2	1446	2.3 vol %
SX-112	1965	2	73	-8	**25**	**R2**		unknown loss
SX-112	1967	4	43					
SX-112	1968	2	58					
SX-112	1968	3	54					
SX-112	1968	4	46					
SX-112	1969	1	39					
SX-112	1969	2	42					
SX-112	1969	3	35					
SX-112	1974	3	112					measmnt anomalies expected
SX-112	1974	4	106					
SX-112	1993	2	92					
SX-112	1993	4	92	19	**19**	**RSltCk**		
SX-113	1958	1		21		R1	487	4.4 vol %
SX-113	1965	2	3					bulged tank
SX-113	1969	4	2	-19				unk loss
SX-113	1972	1		29		DE	45	diatomaceous added 0.651 kgal/ton
SX-113	1974	1	0					Tank leaks, 15 outx to RCOND
SX-113	1974	3	2		**2**	**R1**		
SX-113	1976	2	6					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
SX-113	1977	4	10					
SX-113	1993	2	31		**29**	**DE**		LC solids from 26 to 31
SX-113	1993	4	31					unk gain, LC solids from 26 to 31
SX-114	1956	4		77		R1	1749	4.4 vol %
SX-114	1958	3	1					ignore tank boiling
SX-114	1963	4		-66	**11**	**R1**		draw down to 11
SX-114	1964	1		37	**37**	**R2**	1587	2.3 vol %
SX-114	1965	2	21					ignore
SX-114	1967	4	57	9				unk gain
SX-114	1968	2	127					
SX-114	1968	3	84					
SX-114	1968	4	80	23				unk gain
SX-114	1969	2	183					Acc due to solids pumping from SX-112
SX-114	1969	3	204					
SX-114	1971	2	200					
SX-114	1993	2	181					
SX-114	1993	4	181	101	**133**	**RSltCk**		
SX-115	1958	3		6		R1	145	4.4 vol %
SX-115	1960	3		19		R2	836	2.3 vol%
SX-115	1965	2	3	-22				unk loss
SX-115	1969	3	6					Tank leaks pumped to SX-105
SX-115	1974	3	8					ignore
SX-115	1976	2	6	3	**6**	**R1**		unk gain
SX-115	1976	3	10					
SX-115	1993	2	12					
SX-115	1993	4	12	6	**6**	**RSltCk**		
U-101	1953	2	146					ignore
U-101	1955	2	40					ignore, sluiced
U-101	1956	3	5	476		MW	3963	12 vol%
U-101	1956	4	0	-481				sluiced
U-101	1969	4	40	40				unk gain
U-101	1970	1	39					
U-101	1971	3	40					
U-101	1978	3	28					
U-101	1978	4	40					
U-101	1979	1	49					
U-101	1979	2	40					
U-101	1980	1	21					
U-101	1993	2	22					
U-101	1993	4	22	-18	**22**	**MW**		MW heel? Redox solids from SX-103 unlikely.
U-102	1955	3	5					ignore
U-102	1969	3	8					bad meas.??
U-102	1969	4	41					ignore
U-102	1971	3	43	43	**43**	**MW**		MW heel
U-102	1977	4	257	214	**214**	**SMMT2**		242-T bottoms, Solids from concentrate calculated by SMM.
U-102	1978	1	428					
U-102	1978	3	410					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
U-102	1978	4	421					Ratio of 242-T/242-S?
U-102	1979	1	422					
U-102	1979	3	378					
U-102	1993	2	356					
U-102	1993	4	356	99	**99**	**SMMS2**		Solids from concentrate calculated by SMM.
U-103	1955	4	13					ignore
U-103	1969	4	32	32	**32**	**MW**		MW heel
U-103	1977	1	51					19 ? from 242-T bottoms
U-103	1977	3	334	302	**302**	**SMMS1**		Solids from concentrate calculated by SMM.
U-103	1977	4	411					
U-103	1978	3	399					
U-103	1978	4	411					
U-103	1993	2	455					
U-103	1993	4	455	121	**121**	**SMMS2**		Solids from concentrate calculated by SMM.
U-104	1953	1		317		MW	2640	12 vol%
U-104	1953	3	182	-135				unk loss
U-104	1956	1	20					
U-104	1956	2	8					sluiced
U-104	1956	3	1					tank bulged,leaks
U-104	1969	4	40	-142	**40**	**MW**		MW heel, ignore previous solids measurements.
U-104	1972	2	131	39	**39**	**DE**	60	add 60 tons DE =0.651 kgal/ton DE
U-104	1972	3	129					
U-104	1978	1	124					
U-104	1978	3	113					ignore
U-104	1978	4	125					mounding effect?
U-104	1993	2	122					
U-104	1993	4	122	43	**43**	**UNK (No Assign.)**		maybe more than 60 tons DE?? (unk, no TLM assignment)
U-105	1956	2	3					ignore
U-105	1958	1	0					
U-105	1969	4	32	32	**32**	**MW**		MW heel
U-105	1976	4	106	74	**74**	**SMMT2**		Solids from concentrate calculated by SMM.
U-105	1977	1	249	143				
U-105	1978	2	442					
U-105	1978	3	369					
U-105	1978	4	381					
U-105	1993	2	381					
U-105	1993	4	381	132	**275**	**SMMS2**		DSS, Solids from concentrate calculated by SMM.
U-106	1956	2	6					ignore
U-106	1956	3	0					sluiced in 57, empty for 2 years
U-106	1969	4	26	26	**26**	**MW**		MW heel
U-106	1977	1	73					
U-106	1977	3	211					242-S bottoms & recycle 1976,
U-106	1978	3	198					ignore
U-106	1978	4	211					
U-106	1993	2	211					
U-106	1993	4	211	185	**185**	**SMMS1**		Solids from concentrate calculated by SMM.

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
U-107	1949	3		191		MW	1590	12 vol %
U-107	1953	3	6					ignore
U-107	1953	3	0					sluiced
U-107	1954	1	8					ignore
U-107	1954	4		190		MW	1585	4.4 vol%
U-107	1956	1	1	-380				ignore
U-107	1957	1	0					sluiced
U-107	1968	4	76	76	**76**	**(CWR1)**		unk assign to CWR1
U-107	1969	4	90	14	**14**	**(SMMT2)**		unk assign to T2SltCk, Solids from concentrate calculated by SMM.
U-107	1974	4	15					ignore
U-107	1977	1	114					
U-107	1977	3	150					
U-107	1977	4	101					
U-107	1978	2	180					
U-107	1978	3	190					
U-107	1978	4	156					add1646 NIT
U-107	1980	4	375					
U-107	1993	2	375					
U-107	1993	4	375	285	**285**	**SMMS2**		Solids from concentrate calculated by SMM.
U-108	1953	3						
U-108	1955	4		3	**3**	**MW**		MW heel
U-108	1956	1	1	-2				unk loss
U-108	1956	4	0					sluicing
U-108	1968	3		27	**26**	**CWR2**	948	2.9 vol%
U-108	1969	4	29	2				unk gain
U-108	1976	1	200					242-S bottoms & recycle
U-108	1976	4	277					
U-108	1977	1	260	231	**231**	**SMMS1**		Solids from concentrate calculated by SMM.
U-108	1978	3	248					
U-108	1978	4	263					
U-108	1979	3	444					
U-108	1993	2	444					
U-108	1993	4	444	184	**184**	**SMMS2**		Solids from concentrate calculated by SMM.
U-109	1958	1	0					
U-109	1965	1	35	35	**24**	**(MW)**		unk assign to MW heel
U-109	1969	4	48	13	**24**	**(CWR1)**		unk assign to CWR1
U-109	1976	1	256					242-S bottoms & recycle
U-109	1976	2	255					
U-109	1976	4	373					
U-109	1977	1	263	215	**215**	**SMMS1**		Solids from concentrate calculated by SMM.
U-109	1977	4	440					
U-109	1978	1	444					
U-109	1978	3	432					
U-109	1978	4	444					
U-109	1993	2	444					
U-109	1993	4	444	181	**181**	**SMMS2**		Solids from concentrate calculated by SMM.
U-110	1948	2		24	**24**	**MW**	196	12 vol%, MW heel
U-110	1948	2		191		1C1	1394	13.7 vol%

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
U-110	1953	3	335	120				unk gain
U-110	1954	2		52		R1	1192	4.4 vol%
U-110	1955	1	329	-58				unk. loss
U-110	1955	3	319					
U-110	1956	4	311					41 CWR1
U-110	1957	1	319					13 CWR1
U-110	1957	2	311	-18				unk. loss
U-110	1957	3		64		CWR1	806	8.1 vol%
U-110	1960	3	331					ignore
U-110	1961	3	311					ignore
U-110	1969	4	184	-191				unk. loss probably to TX-118 evap feed tank.
U-110	1971	4	183					
U-110	1975	3	195					385 add of LW
U-110	1975	4	175					
U-110	1976	1	161					
U-110	1978	3	149					
U-110	1978	4	161					
U-110	1993	2	186					
U-110	1993	4	186	2	**162**	**1C1**		but probable R1 and CWR1 sludge remnants
U-111	1953	1	14					
U-111	1956	4	15					
U-111	1965	1	29					
U-111	1969	4			**13**	**(1C1)**		unk assign to 1C1
U-111	1969	4	26	26	**13**	**(R1)**		unk assign to R1
U-111	1977	1	136	110	**110**	**SMMS1**		Solids from concentrate calculated by SMM.
U-111	1977	3	161					
U-111	1977	4	235					
U-111	1978	2	381					
U-111	1978	3	369					
U-111	1978	4	381					add 17 NIT
U-111	1980	3	224					
U-111	1980	4	278					
U-111	1993	2	329					
U-111	1993	4	329	193	**193**	**SMMS2**		Solids from concentrate calculated by SMM.
U-112	1953	1	32	32				1C, R1 or CWR1 from cascaded solids
U-112	1965	1	46					
U-112	1969	4	48					
U-112	1974	2	60					
U-112	1974	4	62					
U-112	1975	1	51					
U-112	1976	2	37					
U-112	1978	3	25					
U-112	1979	4	37					
U-112	1980	4	46					
U-112	1993	2	45					
U-112	1993	4			**32**	**(1C1)**		unk assign to 1C1
U-112	1993	4			**7**	**(R1)**		unk assign to R1
U-112	1993	4	45	13	**6**	**(CWR1)**		un assign to CWR1
U-201	1958	1	0					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
U-201	1964	4	0	0				
U-201	1965	1	4					
U-201	1977	2	45					bad meas. ?
U-201	1977	3	4					
U-201	1978	3	3					
U-201	1980	3	4					
U-201	1993	2	4					
U-201	1993	4	4	4	**4**	**CWR1**		Recieved CWR1 primary added to U-110 in same qtr.
U-202	1958	1	0	0				
U-202	1965	1	4					
U-202	1978	3	3					
U-202	1980	3	4					
U-202	1993	2	4					
U-202	1993	4	4	4	**4**	**CWR1**		Recieved CWR1 primary added to U-110 in same qtr.
U-203	1956	1	0	0				
U-203	1965	1	4					
U-203	1977	4	3					
U-203	1978	3	2					
U-203	1993	2	2					
U-203	1993	4	2	2	**2**	**CWR1**		Recieved CWR1 primary added to U-110 in same qtr.
U-204	1958	1	0	0				
U-204	1965	1	1					
U-204	1977	3	2					
U-204	1978	3	1					
U-204	1993	2	2					
U-204	1993	4	2	2	**2**	**CWR1**		Recieved CWR1 primary added to U-110 in same qtr.

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
T-101	1946	1		189		MW	1572	12 vol%
T-101	1953	4		20		PFeCN1	530	3.7 vol%
T-101	1955	2		190		MW	1581	12 vol%
T-101	1956	2	10					ignore, still sluicing to T-103
T-101	1956	3	2	-397	**2**	**MW**		MW heel left after sluicing.
T-101	1957	2	0					ignore
T-101	1969	4	37	35	**35**	**CWR2**		REC secondary transfers from U-108 and S-107
T-101	1972	3		0		CWR2	3	2.9 vol%
T-101	1977	1	40					
T-101	1977	3	62					
T-101	1977	4	103	66				unk gain
T-101	1978	3	91					unk loss
T-101	1978	4	103					unk gain
T-101	1993	2	101					
T-101	1993	4	101	-2	**64**	**(SMMT2)**		unk loss, INT LIQ REC from 242-T bottoms REC, T-farm solids from saltwell pumping, unk assign to T2SltCk, Solids from concentrate calculated by SMM.
T-102	1952	2	0					
T-102	1953	3	1					
T-102	1956	2	10	10				cascaded MW, supernatant pumped to TX-115 sluicing initiated.
T-102	1956	3	2	-8	**2**	**MW**		MW heel
T-102	1957	2	0					ignore
T-102	1969	4	24	22		CWP2		CWP2 from C-102
T-102	1972	3	13					ignore
T-102	1972	4	24					
T-102	1974	3	59	35				unk gain, solids from T-101
T-102	1976	2	62	3				unk gain, saltwell pump installed
T-102	1978	3	50	-12				unk loss
T-102	1978	4	15					ignore
T-102	1993	2	19					
T-102	1993	4	19	-31	**17**	**CWP2**		
T-103	1956	2	5					Metal waste removal in process.
T-103	1956	3	1	1	**1**	**MW**		MW heel
T-103	1956	4	0					ignore
T-103	1969	4	18	17	**17**	**CWP2**		received CWP from C-102
T-103	1974	4	35	17				unk gain
T-103	1978	3	22	-13				unk loss
T-103	1978	4	35	13				unk gain
T-103	1993	2	23					
T-103	1993	4	23	-12	**5**	**(SMMT2)**		unk loss, unk assign to T2SltCk, Solids from concentrate calculated by SMM.
T-104	1951	4		186	**186**	**1C1**	1359	13.7 vol%
T-104	1953	1	372					ignore
T-104	1954	1	377	191				unk gain
T-104	1954	3		523		1C2	2101	24.9 vol%
T-104	1954	3	508	-392				
T-104	1954	3	525					cascade to T-105
T-104	1965	2	488					unk loss

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
T-104	1969	3	483					
T-104	1970	3	482					
T-104	1970	4	483					
T-104	1971	1	482					Salt well, pump installed.
T-104	1971	2	483	-25		1C2		Sent to TY-103
T-104	1978	3	470					
T-104	1978	4	483					
T-104	1993	2	442					
T-104	1993	4	442	-41	**256**	**1C2**		unk loss
T-105	1948	1		72	**72**	**2C1**	1060	6.8 vol%
T-105	1953	1	149	77		1C2		cascaded from T-104
T-105	1954	3	197	48		1C2		cascaded from T-104
T-105	1954	4	188	-9		1C2		Send to TX-118
T-105	1955	2		17		CWR1	204	8.1 vol%
T-105	1955	3	149					ignore
T-105	1955	4		3		CWR1	36	8.1 vol%
T-105	1955	4	188	-20				unk loss
T-105	1956	3		2		CWR1	19	8.1 vol%
T-105	1965	2	62					ignore
T-105	1969	4	99	-91				unk loss
T-105	1971	2	100					
T-105	1974	4	101					
T-105	1976	2	114	15				salt well installed, unk gain
T-105	1978	3	102					
T-105	1978	4	114					
T-105	1980	2	99					
T-105	1993	2	98					
T-105	1993	4	98	-16	**26**	**1C2**		unk loss
T-106	1953	1	10	10	**10**	**1C2**		cascaded from T-105
T-106	1956	2		7	**7**	**CWR1**		Received from U-110
T-106	1965	2	26	9		CWR2		solids in proportion to vol IN
T-106	1969	4	39					ignore
T-106	1974	3	23	-3				Tank leaks, also send to T-101, T-112 and OOS
T-106	1974	4	24					36% CWR1, 64% CWR2
T-106	1976	2	26	3				
T-106	1978	3	14	-12				Tank leaks, ignore
T-106	1979	1	26					
T-106	1979	3	14					ignore
T-106	1979	4	26	12				
T-106	1993	2	19					
T-106	1993	4	19	-7	**2**	**CWR2**		unk loss
T-107	1946	1		218		1C1	1590	13.7 vol%
T-107	1953	1		36		UR	1269	2.8 vol%
T-107	1953	1	201	-53				some cascaded to T-108
T-107	1965	2	186	-15				sent to TX-118
T-107	1969	4	109	-77				sent to TX-118 and TY-103
T-107	1976	2	131	22	**131**	**1C1**		
T-107	1977	3	150	19				
T-107	1978	3	138	-12				unk loss

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
T-107	1978	4	150					
T-107	1980	1	167					
T-107	1993	2	171					
T-107	1993	4	171	33	**40**	**(1C1)**		unk gain, unk assign to 1C1
T-108	1953	1	21	21	**21**	**1C1**		cascaded from T-107
T-108	1956	4	73	52		T1SltCk		received EB from TX-117
T-108	1957	1	21	-52				unk loss, probably cascaded to T-109
T-108	1957	2	29					
T-108	1965	2	62					
T-108	1969	4	106	85				unk gain
T-108	1974	4	103					
T-108	1975	1	79	-27				sent to T-101
T-108	1975	2	15					ignore
T-108	1975	3	51	-28				sent to T-101
T-108	1975	4	35	-16				unk loss
T-108	1978	1	46	11				unk gain, salt well completed.
T-108	1978	3	33					ignore
T-108	1978	4	46	0				
T-108	1993	2	44					
T-108	1993	4	44	-2	**23**	**T1SltCk**		unk loss, NCLPX ??
T-109	1957	2	54	54		T1SltCk		REC from TX-117
T-109	1957	3	0					ignore
T-109	1957	4	54	0				
T-109	1965	2	128	74				unk gain
T-109	1969	4	134					
T-109	1970	4	135					
T-109	1971	2	136					
T-109	1972	4	138					
T-109	1974	3	147	19				unk gain
T-109	1974	4	132	-15				unk loss
T-109	1975	1	142	10				unk gain
T-109	1976	2	147	5				
T-109	1978	3	135	-12				
T-109	1978	4	147	12				unk gain
T-109	1993	2	58					
T-109	1993	4	58	-89	**58**	**T1SltCk**		unk loss
T-110	1951	4		222	**222**	**2C1**	3262	6.8 vol%
T-110	1952	2		48		224	1220	3.9 vol%, 20% solids
T-110	1953	1	530	260				
T-110	1953	3	521					
T-110	1953	4	530					
T-110	1956	3		608	**144**	**2C2**	17895	3.4 vol%
T-110	1957	3	46					ignore
T-110	1965	2	508					
T-110	1969	4	293					some cascaded to T-111, ignore
T-110	1972	2	242					ignore
T-110	1972	3	293					ignore
T-110	1974	4	466	-672				unk loss
T-110	1978	3	454					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
T-110	1978	4	466					
T-110	1993	2	376					
T-110	1993	4	376	-90	**10**	**224**		unk loss, lack of measurments
T-111	1953	1	191	191	**139**	**2C1**		cascaded from T-110
T-111	1953	2	246	55	**69**	**2C2**		possibly 2C2 from T-110, possible 224 layer from T-110
T-111	1953	3	213	-33	**36**	**224**		3 tank cascade to crib, T plant active. 2nd cycle waste
T-111	1953	4	230					
T-111	1954	1	299					
T-111	1954	2	312					
T-111	1954	3	377					
T-111	1954	4	439					
T-111	1955	1	487	274		2C2		unk gain, possibly due to 3 tank cascade to crib, T plant active, 2nd cycle waste
T-111	1955	2	402	-85				crib
T-111	1955	3	430					2C2 from T-110
T-111	1955	4	465					unk gain
T-111	1956	1	507					
T-111	1956	2	510	108		2C2		221-T waste cascades from T-111 to T-112 and then pumped TY crib.
T-111	1965	2	40					ignore
T-111	1965	3	442					
T-111	1968	4	447	-63				unk gain
T-111	1969	4	233	-214				unk loss
T-111	1974	3	485	252				
T-111	1974	4	488	3				unk gain
T-111	1978	3	476	-12				SENT to T-101
T-111	1978	4	488	12				unk gain
T-111	1993	2	456					
T-111	1993	4	456	-32	**212**	**2C2**		unk loss, lack of measurements this is one possible scenario
T-112	1953	1	28	28		2C2		cascaded from T-111
T-112	1953	2	45	17				unk gain, possibly 2C2 cascaded from T-111
T-112	1953	3	2					ignore
T-112	1953	4	7	-38				T plant active 2nd cycle waste 3 tank cascade to crib, ignore
T-112	1954	1	33	26				unk gain possibly 2C2 cascaded from T-111
T-112	1955	2	170	137				2C2 cascaded from T-111, ignore
T-112	1965	2	40					outx to OOS and sent to TX-118
T-112	1967	4	170					ignore
T-112	1968	1	40					outx to OOS and sent to TX-118
T-112	1968	4	24	-16				sent to Redox Evap.
T-112	1969	4	33	9				unk gain
T-112	1970	2	32	-1				OUTX to REVAP
T-112	1973	3		44		DW	4403	1 vol%
T-112	1973	3	62	-14				
T-112	1978	3	50	-15				unk loss
T-112	1978	4	62	15				
T-112	1993	2	60					
T-112	1993	4	60	-2	**60**	**2C2**		unk loss, possible 224 cascaded from T-111
T-201	1953	1	54.5					
T-201	1955	4	55					
T-201	1956	1	54.5					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
T-201	1962	2	53					
T-201	1962	4	50					
T-201	1965	2	33					
T-201	1970	4	31					
T-201	1978	1	28					
T-201	1978	2	27					
T-201	1980	3	28					
T-201	1993	4	28		**28**	**224**		
T-202	1953	1	54.5					
T-202	1962	4	50					
T-202	1965	2	30					
T-202	1976	1	25					
T-202	1978	1	20					
T-202	1980	3	21					
T-202	1993	4	21		**21**	**224**		
T-203	1952	2		7		224	173	3.9 vol%
T-203	1953	1	54.5					
T-203	1957	2	55					
T-203	1958	2	54.5					
T-203	1958	3	55					
T-203	1958	4	54.5					
T-203	1962	4	50					
T-203	1965	2	35					
T-203	1978	1	37					
T-203	1978	2	36					
T-203	1980	3	37					
T-203	1993	2	35					
T-203	1993	4	35		**35**	**224**		
T-204	1953	1	54.5					
T-204	1959	1	54.5					
T-204	1962	4	50					
T-204	1964	1	52					
T-204	1964	2	50					
T-204	1965	2	44					
T-204	1978	1	37					
T-204	1980	3	38					
T-204	1993	4	38		**38**	**224**		
TX-101	1955	1		448		MW	3735	12 vol%
TX-101	1955	4	15	-433				some cascaded to TX-102
TX-101	1956	1	5					Sluicing tank
TX-101	1956	3	3	-12	**3**	**MW**		MW heel
TX-101	1957	1	0					ignore
TX-101	1965	1	51	48	**48**	**R1**		REC from SX-102, SX-103 and SX-105, Redox (2,000)
TX-101	1969	4	10					ignore
TX-101	1971	2	128	77				1.2 (kgal) from BX-106
TX-101	1971	4	98					
TX-101	1972	1	73	-55	**22**	**(R1)**		Secondary feed for 242-T2 EVAP, unk assign to R1
TX-101	1975	2		3	**3**	**Z**	37	8 vol%

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
TX-101	1980	2	106	30	**8**	**SMMT2**		unk gain, Evap. Feed dil., Solids from concentrate calculated by SMM.
TX-101	1993	2	84					
TX-101	1993	4	84	-22				unk loss
TX-102	1955	1		59		MW	488	12 vol%
TX-102	1956	1	10					sluicing
TX-102	1956	2	2	-57	**2**	**MW**		MW heel, sluiced
TX-102	1957	1	0					ignore
TX-102	1965	1	8	6				REC from TX-101
TX-102	1969	4	12					
TX-102	1971	2	15	7				unk gain, probably TSltCk
TX-102	1971	4	73					242T bottom & recycle
TX-102	1972	3	84					
TX-102	1972	4	186					
TX-102	1974	4	194	179				REC from EVT TX-118
TX-102	1977	1	455					ignore
TX-102	1978	4	334					ignore
TX-102	1993	2	113	-81				unk loss
TX-102	1993	4	217	104	**215**	**SMMT2**		Solids from concentrate calculated by SMM.
TX-103	1965	1	4	4	**3**	**T1SltCk**		cascaded from TX-102
TX-103	1969	4	3	-1				Out to UR
TX-103	1976	3	6					242 bottoms & recycle
TX-103	1977	1	120					
TX-103	1977	4	145					
TX-103	1979	1	147					
TX-103	1980	2	145					
TX-103	1980	3	157					
TX-103	1993	4	157	154	**154**	**SMMT2**		REC from EVT TX-118, Solids from concentrate calculated by SMM.
TX-104	1965	1	0					ignore
TX-104	1968	1	8	8				EVAP secondary feed tank
TX-104	1969	4	11					
TX-104	1971	2	18	10	**18**	**(MW)**		unk assign to MW
TX-104	1977	1	40					242-T bottoms & recycle
TX-104	1980	4	68					
TX-104	1993	2	64					
TX-104	1993	4	64	46	**46**	**SMMT2**		REC from EVT TX-118, Solids from concentrate calculated by SMM.
TX-105	1952	3		0		UR	9	5 vol%
TX-105	1955	2	55					ignore
TX-105	1955	3	1					sluicing tank, MW heel
TX-105	1956	2		299			2490	12 vol%, MW heel
TX-105	1956	3		0		DW	29	1 vol%
TX-105	1956	4	3	-297				
TX-105	1965	1	8	5	**8**	**MW**		MW heel
TX-105	1965	2	0					ignore
TX-105	1965	3	8					
TX-105	1969	4	11					ignore
TX-105	1970	1	13	5				ignore
TX-105	1971	4	168			SMMT2		242-T bottoms and recycle

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
TX-105	1972	1	304					
TX-105	1972	2	351					
TX-105	1972	3	430					
TX-105	1973	1	499					
TX-105	1974	4	502					
TX-105	1977	3	609					
TX-105	1993	2	609					
TX-105	1993	4	609	596	**601**	**SMMT2**		REC from EVT TX -118, Solids from concentrate calculated by SMM.
TX-106	1955	3	15	15		MW		cascaded from TX-105
TX-106	1955	4	1					sluicing, MW heel
TX-106	1956	4	0					ignore
TX-106	1965	1			**1**	**MW**		MW heel
TX-106	1965	1	5		**4**	**(R1)**		unk assign to R1 from TX-101
TX-106	1969	4	15					ignore
TX-106	1971	2	21	6				242-T bottoms and recycle
TX-106	1971	4	142					
TX-106	1972	1	183					
TX-106	1972	2	268					
TX-106	1974	4	257					
TX-106	1977	3	453					
TX-106	1993	2	341					
TX-106	1993	4	341	335	**336**	**SMMT2**		REC from EVT TX-118, Solids from concentrate calculated by SMM.
TX-107	1954	3	30					ignore
TX-107	1955	1	10	10				sluicing tank
TX-107	1955	3		177		MW	2989	12 vol%
TX-107	1956	4	1	-186	**1**	**MW**		sluicing
TX-107	1957	2	0					ignore
TX-107	1965	1	8	7	**7**	**(MW)**		unk assign to MW
TX-107	1969	4	6					ignore
TX-107	1971	2	24	16				242-T bottoms and recycle
TX-107	1978	1	40					
TX-107	1993	2	35					
TX-107	1993	4	35	11	**27**	**SMMT2**		REC from EVT TX-118, Solids from concentrate calculated by SMM.
TX-108	1956	4	2	2	**2**	**MW**		cascaded from TX-107, sluiced MW heel
TX-108	1965	1	6	4	**4**	**(UR)**		unk assign to UR from TY-105
TX-108	1966	3	63			SMMT2		Bottoms Receiver
TX-108	1968	1	81					
TX-108	1969	4	110					
TX-108	1971	2	112					
TX-108	1971	4	81					
TX-108	1978	4	131					
TX-108	1993	2	134					
TX-108	1993	4	134	128	**128**	**SMMT2**		REC from EVT TX-118, Solids from concentrate calculated by SMM.
TX-109	1950	4		161	**161**	**1C1**	1177	13.70 vol%
TX-109	1950	4	722	561				unk gain

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
TX-109	1951	4	0					ignore
TX-109	1953	1	415					
TX-109	1953	3	622					
TX-109	1953	4	630					
TX-109	1954	2	640					
TX-109	1954	4		987	**223**	**1C2**	3963	24.9 vol%
TX-109	1954	4	650	-1059				Sent to TX-110
TX-109	1956	3	630					
TX-109	1957	1	722					
TX-109	1965	1	590					
TX-109	1969	3	123					ignore
TX-109	1977	3	450					
TX-109	1993	2	384					
TX-109	1993	4	384	-266				unk loss
TX-110	1953	1	9	9	**9**	**1C1**		cascaded from TX-109
TX-110	1953	3	1					ignore
TX-110	1954	3	10					cribbed to T-022
TX-110	1956	3	1					ignore
TX-110	1963	1	0					ignore
TX-110	1965	1	40	31				
TX-110	1969	4	3					ignore
TX-110	1970	1	37		**28**	**1C2**		
TX-110	1970	2	62					242T bottoms and recycle
TX-110	1970	3	92					
TX-110	1970	4	125					
TX-110	1971	1	158					
TX-110	1971	2	164					
TX-110	1971	3	244					
TX-110	1971	4	400					
TX-110	1972	3	472					
TX-110	1973	1	433					
TX-110	1974	4	420					
TX-110	1977	3	568					
TX-110	1979	4	530					
TX-110	1993	2	462					
TX-110	1993	4	462	422	**425**	**SMMT2**		REC from EVT TX-118, Solids from concentrate calculated by SMM.
TX-111	1955	1	88					613 to crib
TX-111	1956	3	0					ignore
TX-111	1965	1	4	4				cascaded 1C2 from TX-110
TX-111	1970	1	43	-45	**43**	**1C2**		242T bottoms and recycle
TX-111	1970	2	66					
TX-111	1970	3	109					
TX-111	1970	4	233					
TX-111	1971	1	285					
TX-111	1971	2	51					ignore
TX-111	1971	3	398	355				
TX-111	1971	4	330					
TX-111	1972	1	389					
TX-111	1977	4	370					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
TX-111	1993	2	370					
TX-111	1993	4	370	-28	**327**	**SMMT2**		REC from EVT TX-118, Solids from concentrate calculated by SMM.
TX-112	1965	1	24	24	**24**	**T1SltCk**		REC from TX-117
TX-112	1969	2	28					
TX-112	1969	3	24					
TX-112	1969	4	33					
TX-112	1970	1	39					242T bottoms and recycle
TX-112	1970	3	156					
TX-112	1970	4	262					
TX-112	1971	1	370					
TX-112	1971	2	387					
TX-112	1971	4	487	463				
TX-112	1972	1	452					
TX-112	1972	4	516					
TX-112	1973	1	659					
TX-112	1974	4	664					
TX-112	1993	2	649					
TX-112	1993	4	649	162	**625**	**SMMT2**		REC from EVT TX-118, Solids from concentrate calculated by SMM.
TX-113	1951	4		554		1C2	2224	24.9 vol%
TX-113	1953	3	252	-302		SMMT1		poss T1SltCk layer 468 sl from 242-T some cascaded to TX-114 and sent to TX-118
TX-113	1957	2	142					receive EVAP bottoms 242-T
TX-113	1965	1	183		**183**	**1C2**		
TX-113	1966	3	171					Receiver for EB
TX-113	1967	4	222					
TX-113	1968	1	211					
TX-113	1968	2	215					
TX-113	1968	3	213	-39				OUTX to EVAP
TX-113	1968	4	290					242-T bottoms and recycle
TX-113	1969	1	318					
TX-113	1969	2	378					
TX-113	1969	3	384					
TX-113	1969	4	398					
TX-113	1970	1	381					
TX-113	1970	2	480					
TX-113	1970	3	524					
TX-113	1970	4	535					
TX-113	1971	1	546					
TX-113	1971	2	598					
TX-113	1971	3	681					
TX-113	1971	4	656					
TX-113	1975	1	681					
TX-113	1993	2	607					
TX-113	1993	4	607	394	**424**	**SMMT2**		Solids from concentrate calculated by SMM.
TX-114	1953	3	4	4	**4**	**1C2**		cascaded from TX-113
TX-114	1957	2	15					REC from TX-117
TX-114	1965	1	62	58	**58**	**T1SltCk**		EVAP feed 242-T1

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
TX-114	1967	4	140					242-T bottoms and recycle
TX-114	1968	1	103					
TX-114	1968	2	139					
TX-114	1968	3	128					
TX-114	1968	4	123					
TX-114	1969	1	227					
TX-114	1969	2	246					
TX-114	1969	3	244					
TX-114	1969	4	263					
TX-114	1970	1	294					
TX-114	1970	2	345					
TX-114	1970	3	395					
TX-114	1970	4	563					
TX-114	1971	1	524					
TX-114	1971	2	508					
TX-114	1971	3	590					
TX-114	1971	4	662					
TX-114	1972	1	686					
TX-114	1973	1	656					
TX-114	1974	4	662					
TX-114	1975	1	678					
TX-114	1977	3	645					Salt well pumped
TX-114	1993	2	535					
TX-114	1993	4	535	473	**473**	**SMMT2**		REC from EVT TX-118, Solids from concentrate calculated by SMM.
TX-115	1952	3		7		UR	233	2.8 vol%
TX-115	1953	1	0					ignore
TX-115	1962	3	8	1	**8**	**UR**		
TX-115	1965	1	20					
TX-115	1967	3		4		DW	376	1 vol%
TX-115	1968	2	25	13				unk gain, 242-T bottoms and recycle
TX-115	1968	3	40					
TX-115	1968	4	95					
TX-115	1969	1	230					
TX-115	1969	2	354					
TX-115	1969	3	377					
TX-115	1969	4	389					
TX-115	1970	1	424					
TX-115	1970	2	477					
TX-115	1970	3	574					
TX-115	1970	4	609					
TX-115	1971	1	629					
TX-115	1971	2	618					
TX-115	1971	3	623					
TX-115	1971	4	642					
TX-115	1975	1	640					
TX-115	1993	2	568					
TX-115	1993	4	568	543	**560**	**SMMT2**		REC from EVT TX-118, Solids from concentrate calculated by SMM.
TX-116	1957	2	386					ignore

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
TX-116	1965	1	323	323	**323**	**T1SltCk**		REC from TX-118
TX-116	1966	3	414			SMMT2		possibly cascaded to TX-117
TX-116	1967	3	528					242-T bottoms and recycle
TX-116	1967	4	561					
TX-116	1968	1	578					
TX-116	1968	2	576					
TX-116	1968	3	574					
TX-116	1968	4	614					
TX-116	1969	2	598					
TX-116	1969	3	582					
TX-116	1969	4	590					
TX-116	1970	1	676					
TX-116	1970	2	675					
TX-116	1970	3	667	344	**172**	**SMMT2**		sent to TX-117, Solids from concentrate calculated by SMM.
TX-116	1970	4		68	**68**	**DE**	105	diatamaceous earth, 0.651 kgal/ton
TX-116	1970	4	705	-30				sent to TX-117 and TX-118
TX-116	1971	4	667					
TX-116	1972	1	631					
TX-116	1993	2	563					
TX-116	1993	4	563	-142				sent to TX-118
TX-117	1965	1	197	197	**197**	**T1SltCk**		
TX-117	1966	3	253					
TX-117	1967	3	388					242-T bottoms and recycle
TX-117	1967	4	484					
TX-117	1968	1	501					
TX-117	1968	2	554					
TX-117	1968	3	525			SMMT2		
TX-117	1968	4	536					
TX-117	1969	2	538					
TX-117	1969	3	590					
TX-117	1969	4	631					
TX-117	1970	1	671					ignore
TX-117	1970	2	673					ignore
TX-117	1970	3	668	471	**306**	**SMMT2**		Solids from concentrate calculated by SMM.
TX-117	1970	4		29	**29**	**DE**	45	diatomacious earth, 0.651 kgal/ton
TX-117	1970	4	222					ignore
TX-117	1971	1	700					ignore
TX-117	1971	4	626					
TX-117	1976	3	625					
TX-117	1977	1	626					
TX-117	1993	2	532					
TX-117	1993	4	532	-111				unk loss
TX-118	1957	3	6	6	**6**	**T1SltCk**		Evaporator feed tank
TX-118	1965	1	8					
TX-118	1966	3	5					
TX-118	1967	3	35					
TX-118	1967	4	58					
TX-118	1968	1	51					
TX-118	1968	2	85					
TX-118	1968	3	91					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
TX-118	1968	4	92					
TX-118	1969	1	165					
TX-118	1969	2	178					
TX-118	1969	3	176					
TX-118	1969	4		16		DW	1579	1 vol%
TX-118	1969	4	189	167				
TX-118	1970	1	175					
TX-118	1970	2	173					
TX-118	1970	3	162					
TX-118	1970	4	222					
TX-118	1971	1	249					
TX-118	1971	2	252					
TX-118	1971	4	241					
TX-118	1972	3	289					
TX-118	1973	1	261					
TX-118	1974	4	260	71	**220**	**SMMT2**		SENT to 242T-EVAP, Solids from concentrate calculated by SMM.
TX-118	1976	2		42	**39**	**Z**	1823	2.3 vol%, Z waste possibly sent to other TX tanks.
TX-118	1976	4	299	-3				unk loss
TX-118	1978	2	304					
TX-118	1978	3	425					
TX-118	1978	4	340					
TX-118	1980	4	347					
TX-118	1993	2	285					
TX-118	1993	4	285	-140	**20**	**SMMT2**		unk loss, Solids from concentrate calculated by SMM.
TY-101	1953	4		119	**46**	**T1SltCk**		REC from TX-117 and TX-116, drawdown to 46 kgal.
TY-101	1954	4	164	45				
TY-101	1955	2	195	31				
TY-101	1955	4	200	5				
TY-101	1956	1		111		1CFeCN	1711	6.5 vol%
TY-101	1956	4	183	-128				crib
TY-101	1957	1	178					
TY-101	1965	2	7					ignore
TY-101	1969	4	149	-34				SEND to TX-118, Suspect leaker, 34 FeCN to EVAP
TY-101	1974	2	202	53				
TY-101	1974	3	184					
TY-101	1974	4	169					
TY-101	1993	2	118					
TY-101	1993	4	118	-84	**72**	**1CFeCN**		unk loss to TX-104, C-104, and TX-118
TY-102	1954	4	10					ignore
TY-102	1957	2	62	62		T1SltCk		REC from TX-117
TY-102	1959	4	10					ignore
TY-102	1965	2	57					
TY-102	1969	4	30					
TY-102	1974	4	29	-33	**29**	**T1SltCk**		SENT to TX-118
TY-102	1977	1	46					
TY-102	1977	4	65					
TY-102	1979	1	68					
TY-102	1980	1	70	41				possible 1CFeCN from TY-101
TY-102	1993	2	64					

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
TY-102	1993	4	64	-6	**35**	**SMMT2**		unk loss, Solids from concentrate calculated by SMM.
TY-103	1954	2		61	**61**	**UR**	2171	2.8 vol%
TY-103	1955	1	124	63				
TY-103	1955	2	196					
TY-103	1955	3	200					
TY-103	1955	4	205					
TY-103	1956	1	210					
TY-103	1956	2	221	97				receiving 1CFeCN
TY-103	1956	3		137		1CFeCN	2107	6.5 vol%
TY-103	1956	4	188	-170				crib
TY-103	1957	1	220					
TY-103	1959	2	226					
TY-103	1959	3	220	32				Total FeCN prediction
TY-103	1965	1	101					ignore
TY-103	1968	4	134	-86	**47**	**1CFeCN**		less to EVAP 242-T
TY-103	1969	2	131					Tank leaks
TY-103	1969	3	239					
TY-103	1970	2	197					
TY-103	1974	3	215					
TY-103	1974	4	219					
TY-103	1978	4	172					
TY-103	1993	2	162					
TY-103	1993	4	162	28	**54**	**(SMMT2)**		unk assign to T2SltCk, Solids from concentrate calculated by SMM.
TY-104	1955	1	74	74		UR		cascaded from TY-103
TY-104	1965	1	0					ignore
TY-104	1969	4	43					prob T2SltCk, loss to TX-118
TY-104	1970	2	13	-61				SENT to TX-118
TY-104	1974	3	41	28				unk gain, possibly from TY-103
TY-104	1974	4	29	-12				SENT to TY-102
TY-104	1978	4	46					
TY-104	1993	2	43					
TY-104	1993	4	43	14	**43**	**UR**		possibly 1CFeCN solids cascaded
TY-105	1953	2	0					ignore
TY-105	1954	3		175		UR	6237	2.8 vol%
TY-105	1954	4	158	-17	**158**	**UR**		cascaded to TY-106
TY-105	1957	1	0					ignore
TY-105	1965	1	293	135				
TY-105	1968	3	292					
TY-105	1969	1	291					
TY-105	1969	3	290					
TY-105	1969	4	194					tank leaks, ignore
TY-105	1970	3	285					
TY-105	1975	4	235					
TY-105	1976	1	285					ignore
TY-105	1993	2	231					
TY-105	1993	4	231	-62	**73**	**UNK(No Assign.)**		unk loss, (unk, no TLM assignment)
TY-106	1965	1	4	4	**1**	**UR**		cascaded from TY-105, ignore

Tank	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer type	Waste volume	comments
TY-106	1972	1		20	**20**	**DE**	30	0.651 kgal/ton of diatomaceous earth
TY-106	1974	3	19	-5				tank leaks, unknown loss
TY-106	1974	4	18					
TY-106	1978	1	21	2				
TY-106	1993	2	17					error in measurement
TY-106	1993	4	17					error in measurement

Tank_n	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer Type	Waste Volume	Comments
AN-101	1981	1	0					
AN-101	1983	2		6		PL2	281	2.2 vol%, Sent to AW-102.
AN-101	1984	2		1		BL	57	2.5 vol%, Sent to AW-102.
AN-101	1985	2		3		PL2	143	2.2 vol%, Sent to AY-102
AN-101	1985	3		0		N	50	0.1 vol%, Sent to AY-102.
AN-101	1993	4	0	-10				unk loss
AN-102	1981	1	0					
AN-102	1984	1		0		PL2	3	2.2 vol%
AN-102	1984	4	24					
AN-102	1989	3	89	0				
AN-102	1992	3				PL2	15	2.2 vol%
AN-102	1993	4	89	89	**89**	**SMMA2**		solids from concentrate calculated by SMM
AN-103	1981	1	0	0				
AN-103	1984	1		2	**2**	**BL**	63	2.5 vol%%
AN-103	1984	3	63	61				REC from AN-104.
AN-103	1985	1	132					
AN-103	1986	2	912					
AN-103	1987	1	1285					ignore, bad measurement
AN-103	1988	2	937					
AN-103	1993	4	937	876	**935**	**SMMA2**		solids from concentrate calculated by SMM
AN-104	1981	1						
AN-104	1983	4		0		PL2	5	2.2 vol%
AN-104	1984	3	19					Receive from AW-102.
AN-104	1984	4	18					
AN-104	1985	1	322	322	**264**	**SMMA2**		solids from concentrate calculated by SMM
AN-104	1987	1	264					
AN-104	1993	4	264	-58				Loss of gas due to venting.
AN-105	1981	1	0	0				
AN-105	1993	4	0	0				
AN-106	1981	1	0	0				
AN-106	1987	1	17	17				Receive from AW-102
AN-106	1987	2	6	-11				unk loss
AN-106	1989	3	17					
AN-106	1993	4	17	11	**17**	**SMMA2**		solids from concentrate calculated by SMM
AN-107	1981	1	0	0				
AN-107	1987	1	92					
AN-107	1989	3	134					
AN-107	1993	4	134	134	**134**	**SMMA2**		solids due to concentrate calculated by SMM, some receives from AN-102 and AZ-102.
AP-101	1986	3	0	0				
AP-101	1987	3		0		CW/ZR2	1	2.3 vol%
AP-101	1989	4		19		PASF	1929	1 vol%
AP-101	1993	4	0	-19				Sent to AW-102 and AP-103.
AP-102	1986	3	0	0		PASF	5	1 vol%
AP-102	1993	4	0	0				Some sent to AW-102 and Grout.

Tank_n	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer Type	Waste Volume	Comments
AP-103	1986	3		11		PASF	1068	1 vol%
AP-103	1993	4	0	-11				Sent to AW-102 and AP-101.
AP-104	1986	3	0	2		N	794	1 vol%
AP-104	1993	4	0	-2				Sent to AP-102
AP-105	1986	3	0	0				
AP-105	1993	4	0	0				Sent to AW-102.
AP-106	1986	3	0	0				
AP-106	1993	4	0	0				Sent to AP-105 and AW-102.
AP-107	1986	3	0	0				
AP-107	1990	1		11		PASF	1115	1 vol%
AP-107	1993	4	0	-11				unk loss
AP-108	1986	3	0	0				
AP-108	1990	1		1		PASF	110	1 vol%
AP-108	1992	2		2		PL2	92	2.2 vol%
AP-108	1993	4	0	-3				unk loss
AW-101	1980	3	0	0				
AW-101	1983	4		1		N	9	1 vol%
AW-101	1986	1		61	**61**	**PL2**	2764	2.2 vol%
AW-101	1987	3	84					
AW-101	1993	4	84	23	**23**	**SMMA2**		solids from concentrate calculated by SMM
AW-102	1981	1	0	0				
AW-102	1982	2		0		BL	3	2.5 vol%
AW-102	1983	2		0		PL2	21	2.2 vol%
AW-102	1984	1	3	3				
AW-102	1984	4	1	-2				
AW-102	1986	3		20		PL2	898	2.2 vol%
AW-102	1993	4	1	-22	**1**	**SMMA2**		Sent throughout SE quad., solids from concentrate calculated by SMM
AW-103	1980	3	0	0				
AW-103	1980	4	959	959				SU REC from AX-101 and A-101.
AW-103	1981	4	0					ignore
AW-103	1983	4		28		CW/ZR2	265	10.5 vol%
AW-103	1983	4	3	-984				sent to AW-105 and AW-106
AW-103	1984	1		43		CW/ZR2	405	10.5 vol%
AW-103	1984	1	47	1				
AW-103	1984	3		43		CW/ZR2	406	10.5 vol%
AW-103	1984	3	340	250				unk gain
AW-103	1984	4	47					ignore
AW-103	1986	3		161		CW/ZR2	1535	10.5 vol%
AW-103	1987	1	371	-130				
AW-103	1988	2		77		CW/ZR2	729	10.5 vol%
AW-103	1988	3	330	-118				
AW-103	1988	4		13		CW/ZR2	122	10.5 vol%
AW-103	1989	1	363	20				

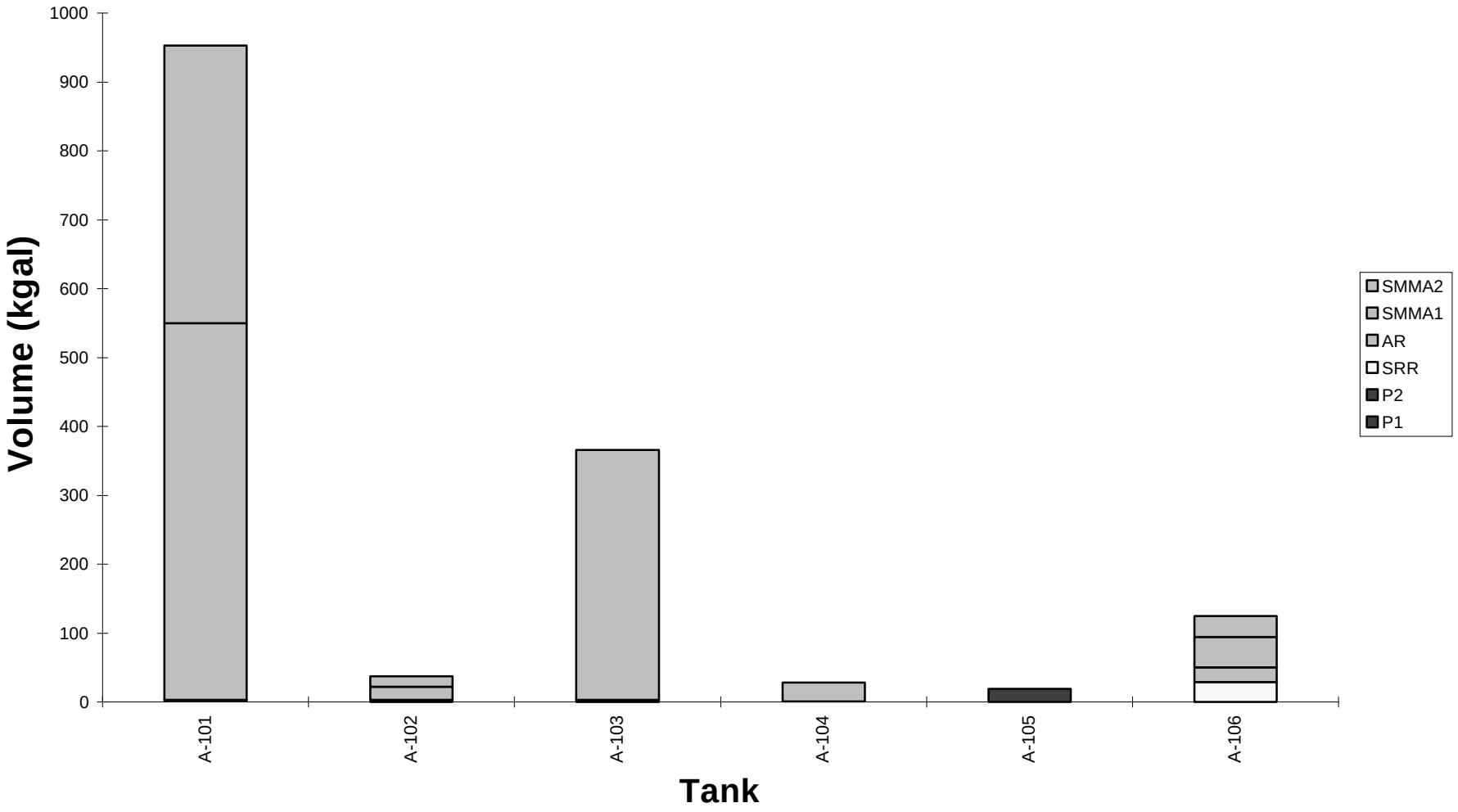
Tank_n	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer Type	Waste Volume	Comments
AW-103	1991	1		1		PL2	10	10.5 vol%
AW-103	1993	4	363	-1	**363**	**CW/ZR2**		
AW-104	1980	3	0	0				
AW-104	1982	4		0		PL2	13	2.2 vol%
AW-104	1983	1		5	**5**	**CW/ZR2**	47	10.5 vol%
AW-104	1984	1	13	8				
AW-104	1984	4	32	19			8558	unk gain, REC from AW-102
AW-104	1985	1	111	67				
AW-104	1986	1					270	REC from AW-102.
AW-104	1986	4		19		PL2	863	2.2 vol%
AW-104	1987	1	381	251				
AW-104	1987	3		17		PL2	775	2.2 vol%
AW-104	1987	3	290	-108			11200	Sent to AW-102.
AW-104	1991	2		61	**98**	**PL2**	2792	2.2 vol%
AW-104	1993	4	290	-61	**187**	**SMMA2**	2317	Sent to AW-102, solids from concentrate calculated by SMM
AW-105	1981	1	0	0				
AW-105	1983	1		0		BL	13	2.5 vol%
AW-105	1984	1		30		PL2	1383	2.2 vol%
AW-105	1984	1	14	-16				Sent to AW-101,AW-102, AZ-102 and AN-101.
AW-105	1984	3		10	**24**	**PL2**	474	2.2 vol%
AW-105	1984	3		33		CW/ZR2	313	10.5 vol%
AW-105	1984	3	223	166				
AW-105	1984	4	14					ignore
AW-105	1987	1		139	**172**	**CW/ZR2**	1322	10.5 vol%
AW-105	1987	1	297	-65				
AW-105	1988	1			**57**	**SMMA2**	784	from A2EVAP, solids from concentrate calculated by SMM
AW-105	1990	1		43	**43**	**CW/ZR2**	410	10.5 vol%
AW-105	1992	4		1	**1**	**PL2**	58	2.2 vol%
AW-105	1993	4	297	-44				unk loss
AW-106	1980	3	0					
AW-106	1982	4		1	**1**	**BL**	33	2.5 vol%
AW-106	1984	1	53					Start receiving from AW-102.
AW-106	1985	1	85					
AW-106	1987	1	258					
AW-106	1989	2	283					
AW-106	1992	1	296					
AW-106	1993	4	296	296	**295**	**SMMA2**		solids from concentrate calculated by SMM
AY-101	1971	2		0		P2	3	3.9 vol%
AY-101	1971	2		2		B	318	.5 vol%
AY-101	1971	2	0	-2				unk loss
AY-101	1971	4		0		P2	11	3.9 vol%
AY-101	1972	2		10		B	1979	.5 vol%
AY-101	1972	2	33	23				unk gain
AY-101	1972	3		3	**13**	**B**	582	.5 vol%
AY-101	1972	4		0		AR	4	4 vol%
AY-101	1972	4	0					ignore, bad measurement
AY-101	1974	4	52	16	**32**	**UNK (No Assign.)**		unk gain (unk, no TLM assignment)

Tank_n	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer Type	Waste Volume	Comments
AY-101	1975	2		1		SRR	17	5 vol%, combined with1986 qtr.3 layer.
AY-101	1980	3	61	8				unk gain, rec from A-103 and AX-102.
AY-101	1981	4		5	**5**	**BL**	203	2.5 vol%
AY-101	1982	2	50	-16				unk loss
AY-101	1984	3		7	**7**	**CSR**	711	1 vol%
AY-101	1984	4		2		SRR	47	5 vol%
AY-101	1984	4		0		PL2	3	2.2 vol%
AY-101	1984	4	71	12				unk gain
AY-101	1985	3		0		CSR	3	1 vol%
AY-101	1986	3		5	**8**	**SRR**	101	5 vol%
AY-101	1987	1	84	6				unk gain
AY-101	1987	2	83	-1				unk loss
AY-101	1988	4		0		BL	10	2.5 vol%
AY-101	1991	4			**18**	**SMMA2**	37	from A2EVAP, solids from concentrate calculated by SMM
AY-101	1993	4	83	0				
AY-102	1971	2	0	0				
AY-102	1978	4	6	6				unk gain, possibly SltCk
AY-102	1980	2	21	15				REC from A-103.
AY-102	1982	2		0		PL2	20	2.2 vol%
AY-102	1982	2		15	**2**	**BL**	594	2.5 vol%
AY-102	1982	2	23	-13				unk loss, sent to AW-102 and A-102.
AY-102	1983	2		6	**4**	**PL2**	263	2.2 vol%
AY-102	1987	1		65		BL	2589	2.5 vol%
AY-102	1987	1	27	-67				unk loss, sent to AW-102, AZ-101, AN-102 and AN-101.
AY-102	1987	2		5		BL	183	2.5 vol%
AY-102	1987	2	28	1				
AY-102	1988	1		25		BL	993	2.5 vol%
AY-102	1988	1	32	-21				Sent to AW-102.
AY-102	1988	4		1		PL2	35	2.2 vol%
AY-102	1992	4		1		DW	96	1%
AY-102	1992	4		41	**26**	**BL**	1630	2.5 vol%
AY-102	1993	4	32	-41				Distributed throughout SE quad.
AZ-101	1976	4	0	0				
AZ-101	1978	1	3	3				REC from C-104 and C-106
AZ-101	1978	3	1	-2				unk loss, sent to A-102.
AZ-101	1980	2	52	51				unk gain
AZ-101	1980	3	72	20				REC from AX-101.
AZ-101	1981	4		1	**1**	**PL2**	46	2.2 vol%
AZ-101	1981	4	64	-9				Sent to AW-102.
AZ-101	1982	2	17	-47				unk loss
AZ-101	1982	4		1	**1**	**BL**	21	2.5 vol%
AZ-101	1982	4		0		PL2	16	2.2 vol%
AZ-101	1984	1	8	-11	**6**	**UNK (No Assign.)**		(unk, no TLM assignment)
AZ-101	1984	4		3		P3	82	3.9 vol %, combined with 1985 qtr 4 layer.
AZ-101	1984	4	20	10				unk gain poss BL from AY-102.
AZ-101	1985	1		7		P3	172	3.9 vol% , combined with 1985 qtr 4 lalyer.
AZ-101	1985	1	16	-4				unk loss
AZ-101	1985	3		0		PL2	8	2.2 vol%
AZ-101	1985	4		17	**27**	**P3**	427	3.9 vol%

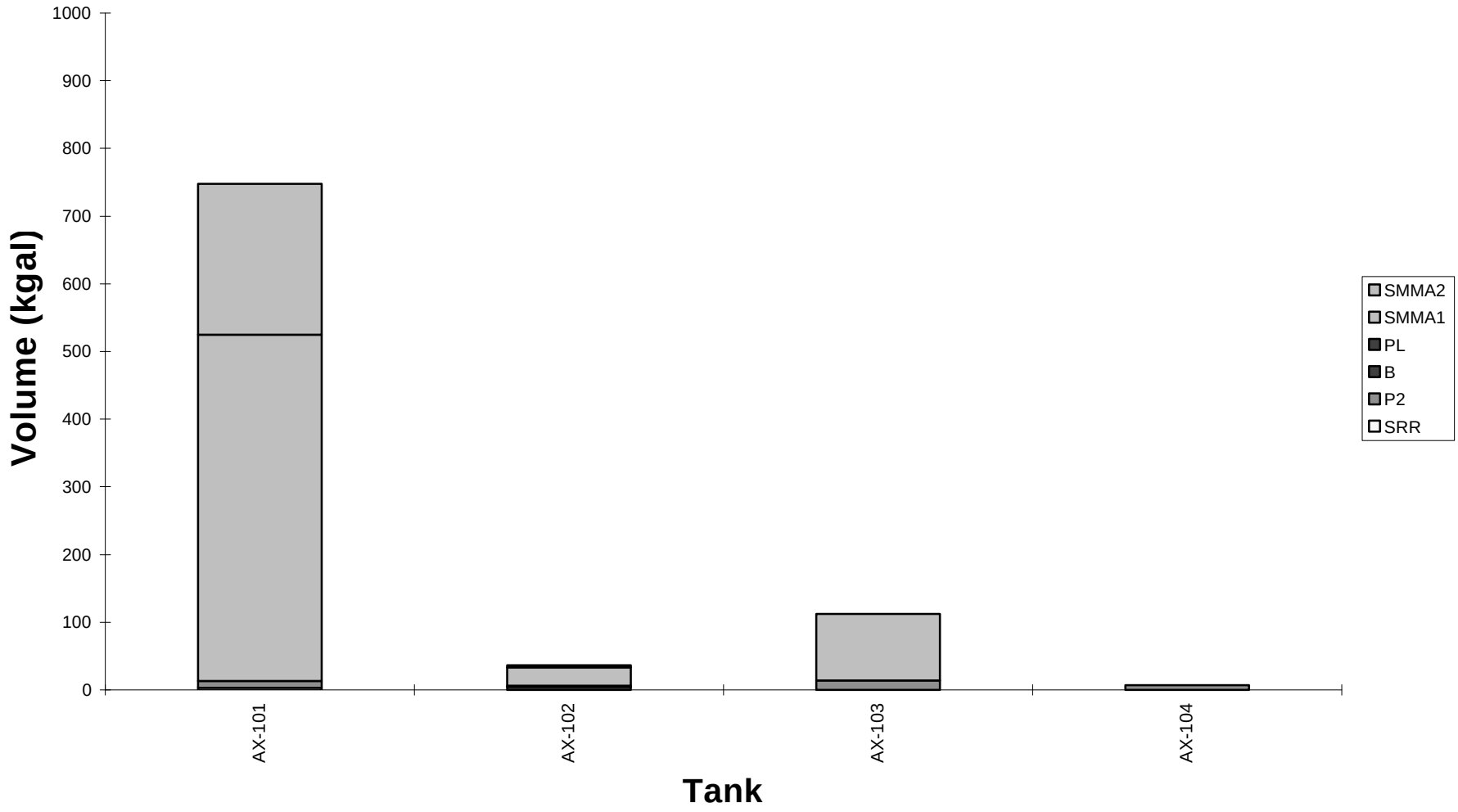
Tank_n	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer Type	Waste Volume	Comments
AZ-101	1985	4	27	-6				unk loss
AZ-101	1986	1		2		P3	46	3.9 vol%
AZ-101	1987	1	48					
AZ-101	1987	2	46					
AZ-101	1987	4	54	25				unk gain
AZ-101	1988	1	49					
AZ-101	1988	2	47					
AZ-101	1989	1	41					
AZ-101	1989	2	37					
AZ-101	1990	3	35					
AZ-101	1993	4	35	-19				Sent to AY-102 and AZ-102.
AZ-102	1976	1	0	0				
AZ-102	1978	1	30	30				
AZ-102	1978	3	23	-7	**2**	**SMMA1**		Sent to A-102, solids from concentrate calculated by SMM.
AZ-102	1980	2	2					ignore
AZ-102	1980	4	6					unk loss
AZ-102	1982	2	26		**26**	**(SRR)**		unk gain, unk assign to SRR
AZ-102	1983	3		2				
AZ-102	1983	4		2		PL2	100	2.2 vol%
AZ-102	1984	1	30	30				
AZ-102	1984	3		1	**3**	**PL2**	34	2.2 vol%
AZ-102	1984	4	32	1	**1**	**Z**		Secondary transfers of Z from SY-102.
AZ-102	1985	1	39	7				unk gain
AZ-102	1985	4		2		BL	75	2.5 vol%
AZ-102	1985	4	18	-23				Sent to AW-102.
AZ-102	1986	4		7		P3	185	3.9 vol%
AZ-102	1987	1	27	2				unk gain, REC from AN-101
AZ-102	1987	2		0		P3	10	3.9 vol%
AZ-102	1987	2	61	34				unk gain
AZ-102	1987	3		1		P3	32	3.9 vol%
AZ-102	1987	3	66	4				unk gain
AZ-102	1987	4		0		P3	6	3.9 vol%
AZ-102	1987	4	62	-4				unk gain
AZ-102	1988	1		1		P3	34	3.9 vol%
AZ-102	1988	1	74	11				unk gain
AZ-102	1988	2		1		P3	21	3.9 vol%
AZ-102	1988	2	65	-10				unk loss
AZ-102	1988	3		0		PL2	8	2.2 vol%
AZ-102	1988	3		2		P3	56	3.9 vol%
AZ-102	1988	3	77	10				unk gain
AZ-102	1988	4		2	**13**	**P3**	46	3.9 vol%
AZ-102	1989	1	90	11				unk gain
AZ-102	1989	2		0		P3	3	3.9 vol%
AZ-102	1989	2	88	-2				Sent to AY-102 and AZ-101.
AZ-102	1990	1		0		P3	12	3.9 vol%
AZ-102	1990	3	91	3				unk gain
AZ-102	1991	1		0		PL2	4	2.2 vol%
AZ-102	1992	2	95	4				unk gain
AZ-102	1993	4	95	0	**50**	**UNK (No Assign.)**		(unk, no TLM assignment)
SY-101	1977	2	13	13		SltSlry		from 242S S2EVAP

Tank_n	Year	Qtr	Meas. solids	Solids change	Pred layer	Layer Type	Waste Volume	Comments
SY-101	1977	3	26					Slurry Receiver
SY-101	1977	4	114					
SY-101	1978	3	135					
SY-101	1988	4	565	552	**560**	**SMMS2**		solids from concentrate calculated by SMM
SY-101	1989	4	560	-5				loss due to vent
SY-101	1993	4	560					solids due to salt slurry
SY-102	1977	2	0	0				
SY-102	1977	4				NIT	52	
SY-102	1977	4	21	21				EVAP feed tank
SY-102	1978	1	87	66				unk gain, REC from S-103, U-102, U-105 and U-107
SY-102	1978	3	77	-10				unk loss, Sent to S-103, S-107 and U-107
SY-102	1978	4	83	6				unk gain, REC from S-107, S-102, SX-106 and U-111
SY-102	1979	3	105	22				unk gain
SY-102	1979	4	83	-22				unk loss
SY-102	1980	1	105	22	**41**	**SMMS2**		unk gain, solids from concentrate calculated by SMM
SY-102	1984	3		64		Z	796	8 vol%
SY-102	1984	4		18		DW	1786	1 vol%
SY-102	1984	4	41	-146				pumped throughout SE
SY-102	1985	1		7		Z	86	8 vol%
SY-102	1985	1		1		DW	77	1 vol%
SY-102	1985	1	52	3				unk gain
SY-102	1987	1		4		Z	370	8 vol%
SY-102	1987	1		7		DW	671	1 vol%
SY-102	1987	1	54	-9				Sent to AY-102 and AZ-102
SY-102	1987	2		1	**25**	**Z**	11	8 vol%
SY-102	1987	2		1	**5**	**DW**	96	1 vol%
SY-102	1987	2	71	15				unk gain
SY-102	1990	1		5		DW	495	1 vol%
SY-102	1992	1		14		Z	179	8 vol%
SY-102	1993	4	71	-19				unk loss, sent to AY-102
SY-103	1977	2	0	0				
SY-103	1980	4	135					XIN from S2EVAP
SY-103	1981	1	534					
SY-103	1981	2	523					
SY-103	1981	4	517					
SY-103	1984	4	521					
SY-103	1985	4	577					
SY-103	1993	4	577	577	**577**	**SMMS2**		solids from concentrate calculated by SMM

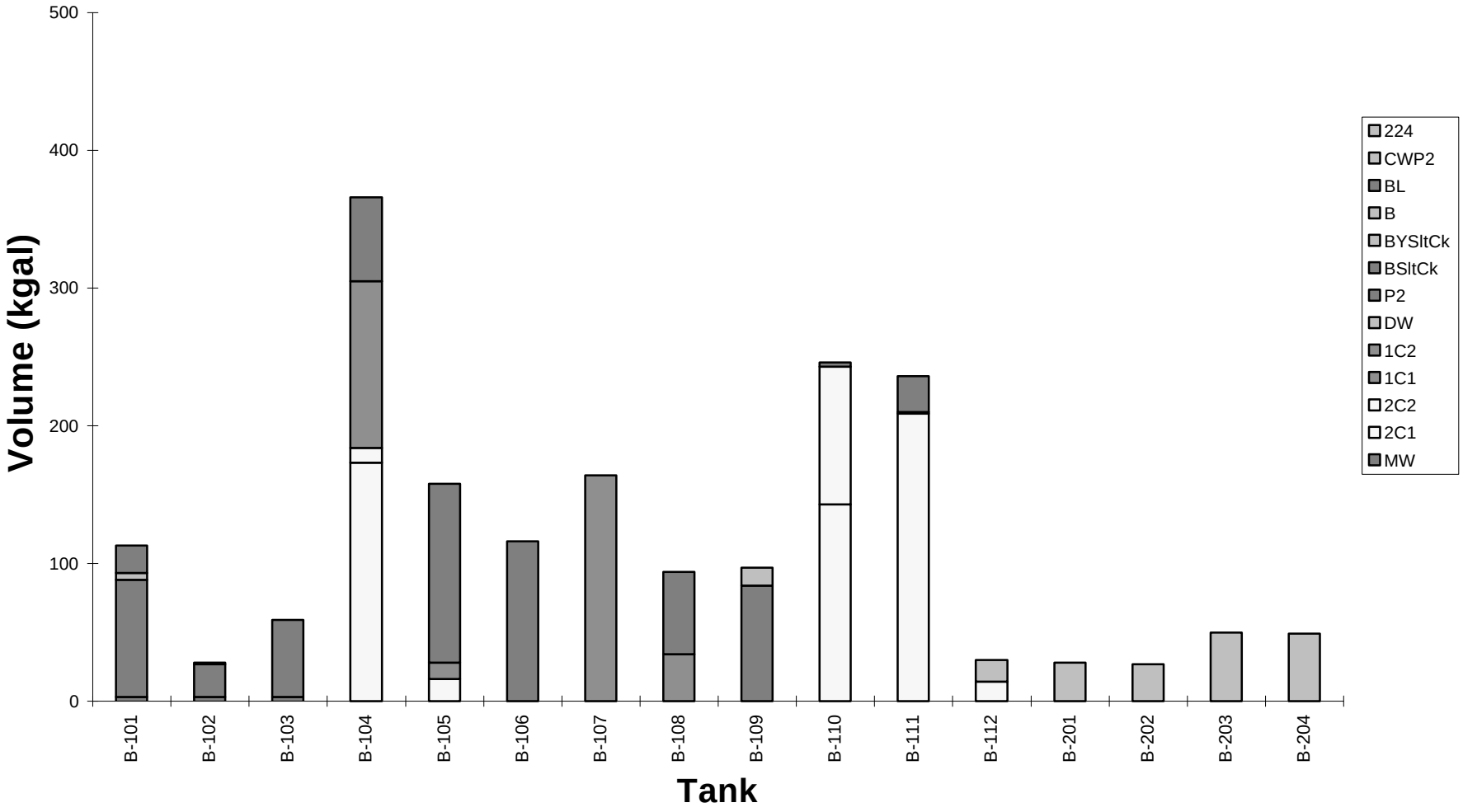
A Farm


Volume (kgal)
1000
900
800
700
600
500
400
300
200
100
0
A-101
A-102
A-103
A-104
A-105
A-106
Tank
SMMA2
SMMA1
AR
SRR
P2
P1

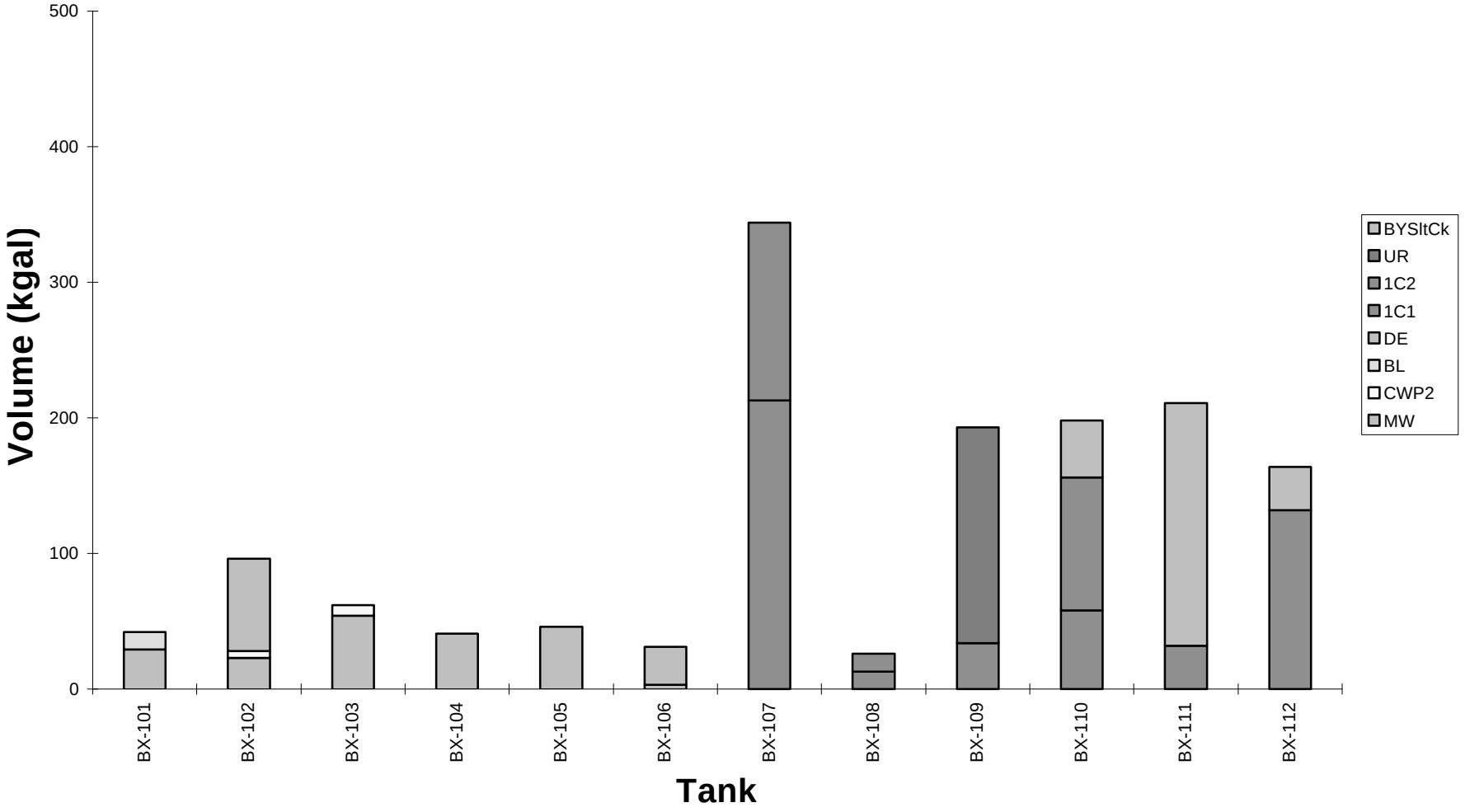
AX Farm


Volume (kgal)
1000
900
800
700
600
500
400
300
200
100
0
AX-101
AX-102
AX-103
AX-104
Tank
SMMA2
SMMA1
PL
B
P2
SRR

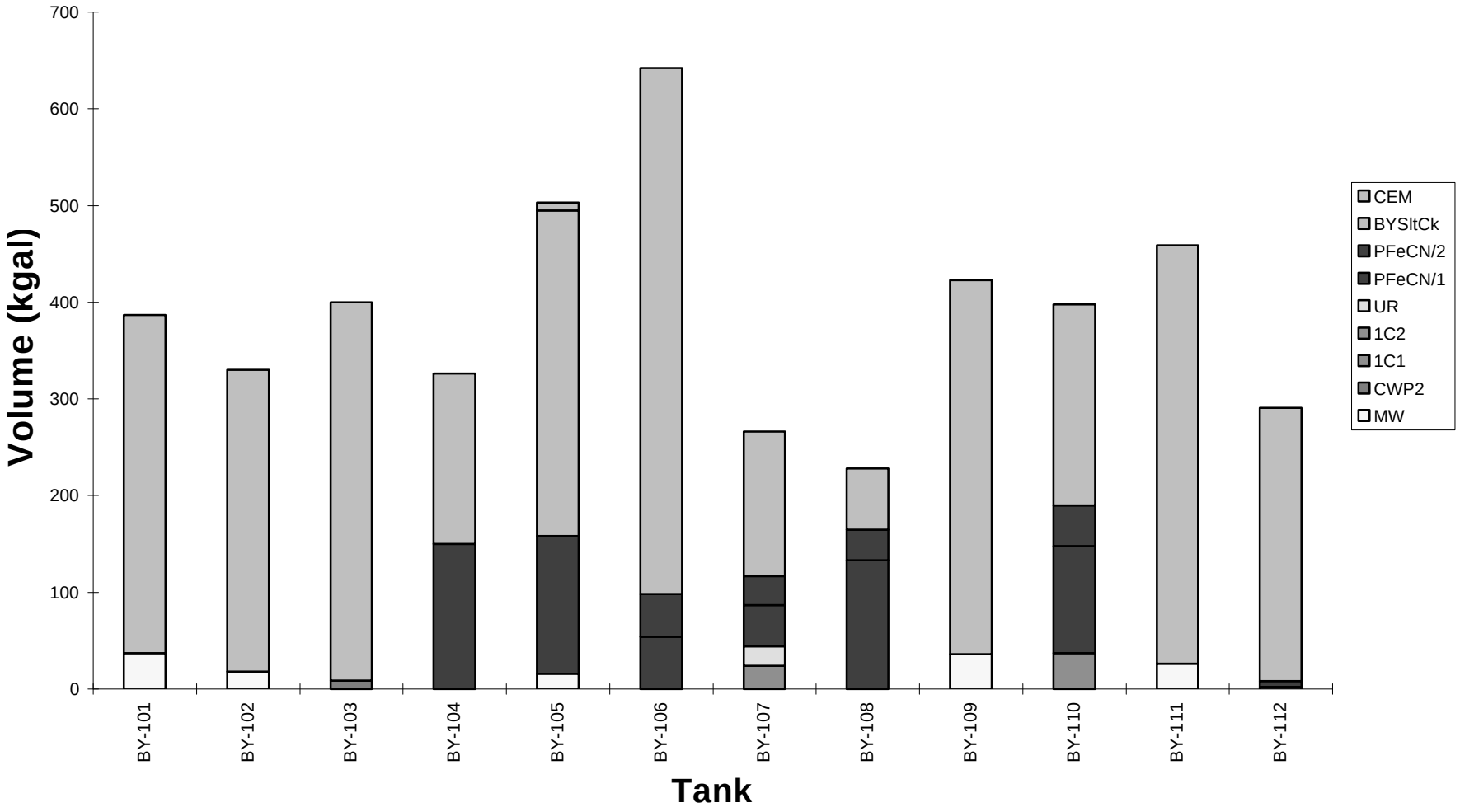
B Farm


Volume (kgal)
500
400
300
200
100
0
B-101
B-102
B-103
B-104
B-105
B-106
B-107
B-108
B-109
B-110
B-111
B-112
B-201
B-202
B-203
B-204
Tank
224
CWP2
BL
B
BYSltCk
BSltCk
P2
DW
1C2
1C1
2C2
2C1
MW

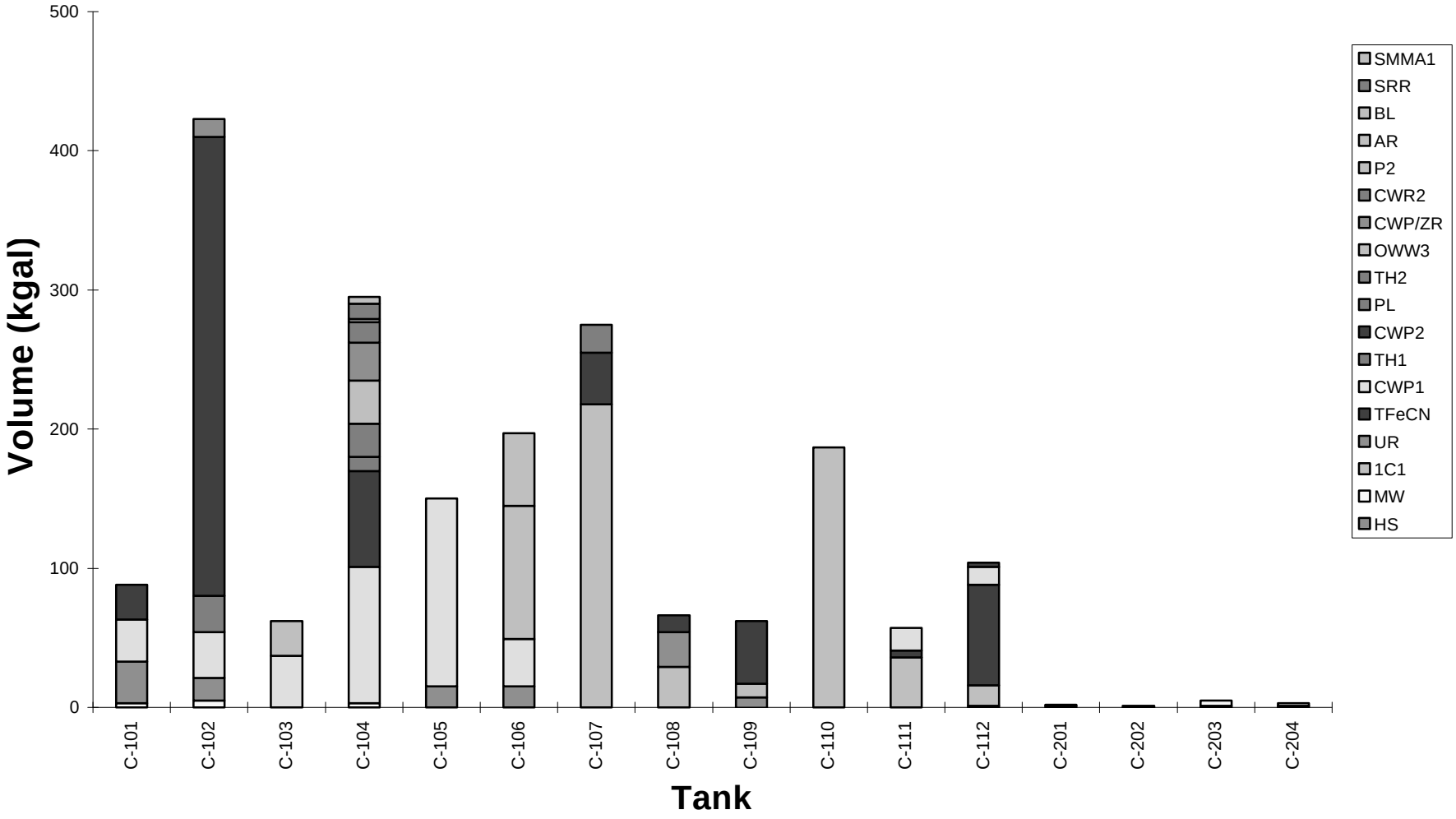
BX Farm


Volume (kgal)
500
400
300
200
100
0
BX-101
BX-102
BX-103
BX-104
BX-105
BX-106
BX-107
BX-108
BX-109
BX-110
BX-111
BX-112
Tank
BYSltCk
UR
1C2
1C1
DE
BL
CWP2
MW

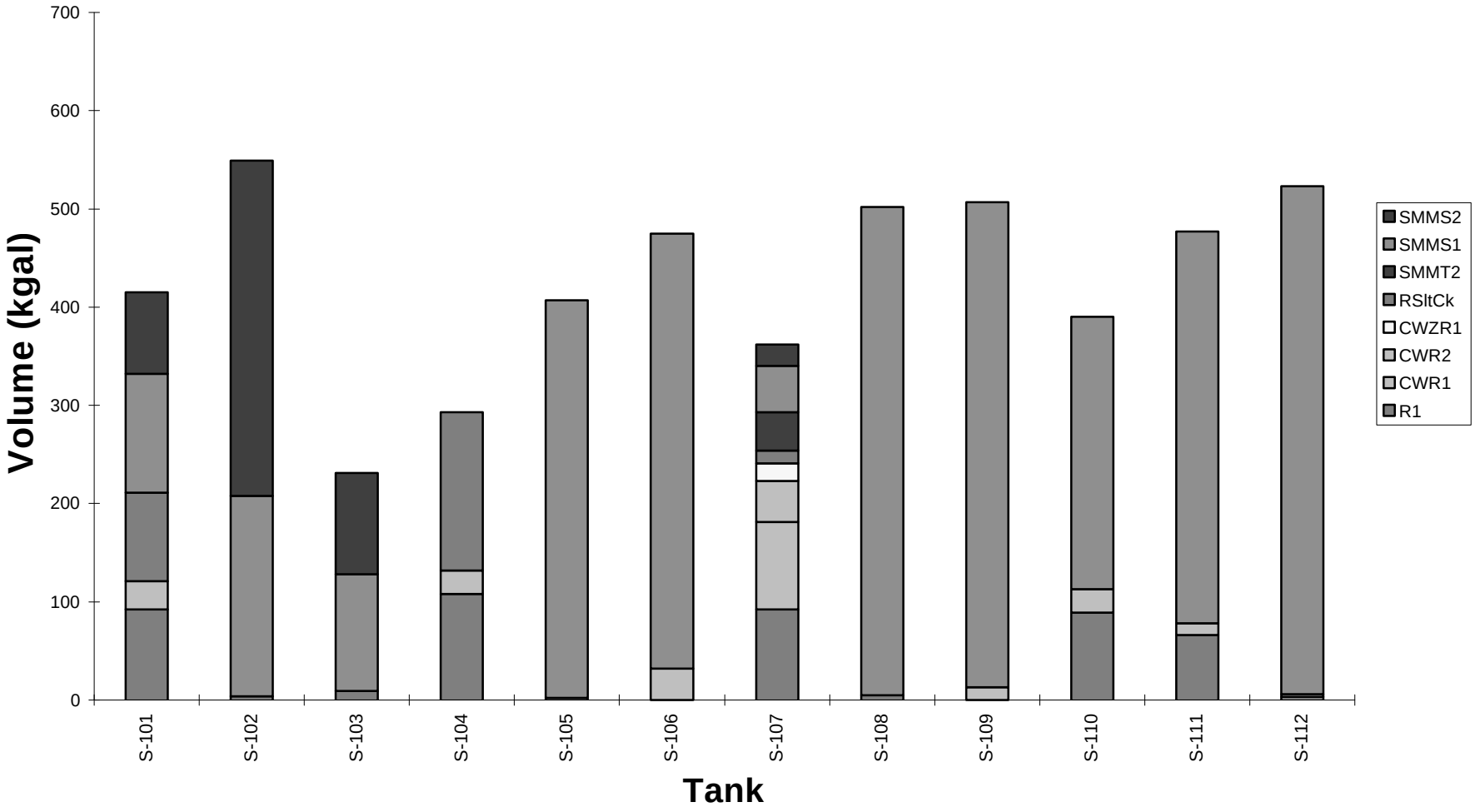
BY Farm


Volume (kgal)
700
600
500
400
300
200
100
0
BY-101
BY-102
BY-103
BY-104
BY-105
BY-106
BY-107
BY-108
BY-109
BY-110
BY-111
BY-112
Tank
CEM
BYSltCk
PFeCN/2
PFeCN/1
UR
1C2
1C1
CWP2
MW

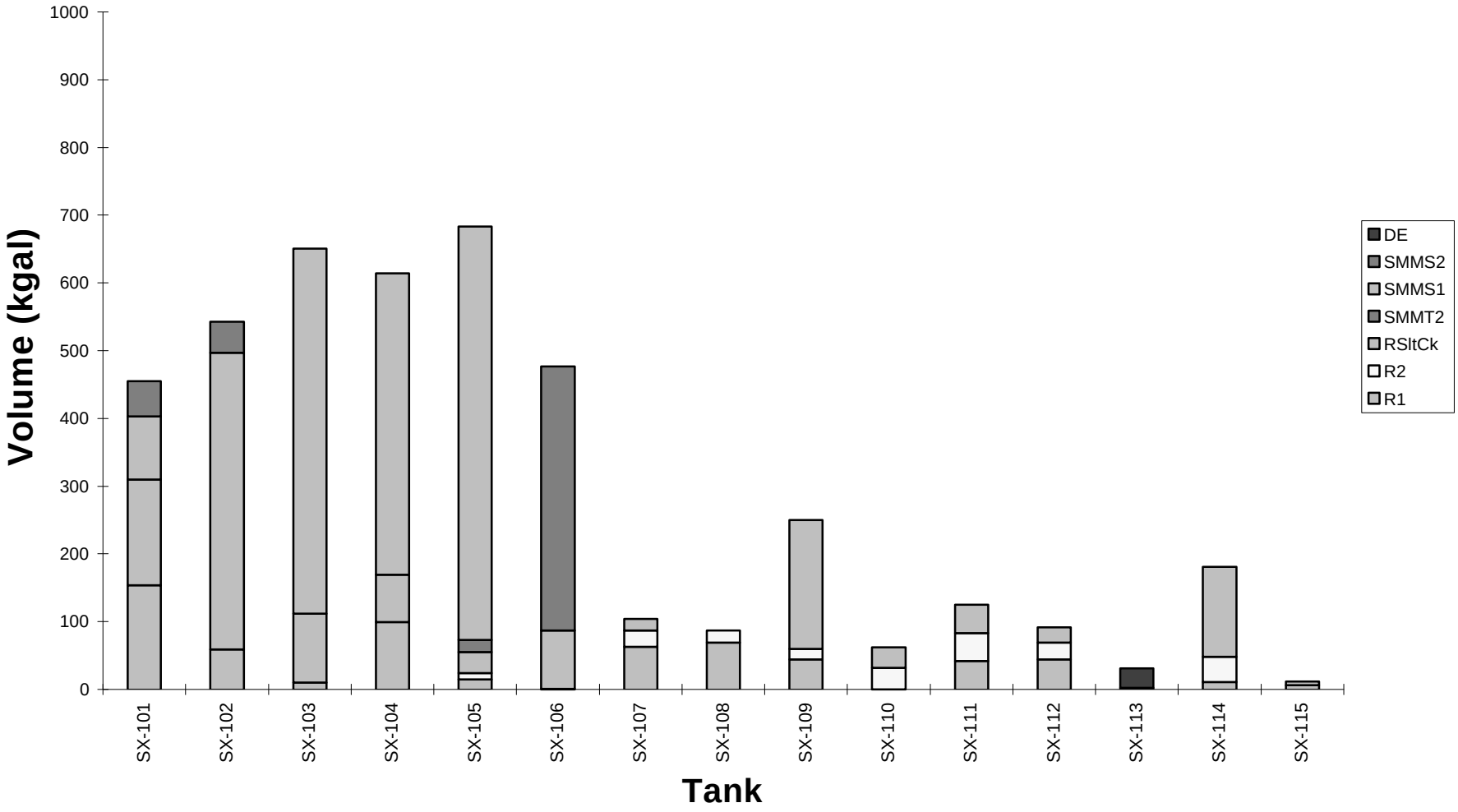
C Farm


Volume (kgal)
500
400
300
200
100
0
C-101
C-102
C-103
C-104
C-105
C-106
C-107
C-108
C-109
C-110
C-111
C-112
C-201
C-202
C-203
C-204
Tank
SMMA1
SRR
BL
AR
P2
CWR2
CWP/ZR
OWW3
TH2
PL
CWP2
TH1
CWP1
TFeCN
UR
1C1
MW
HS

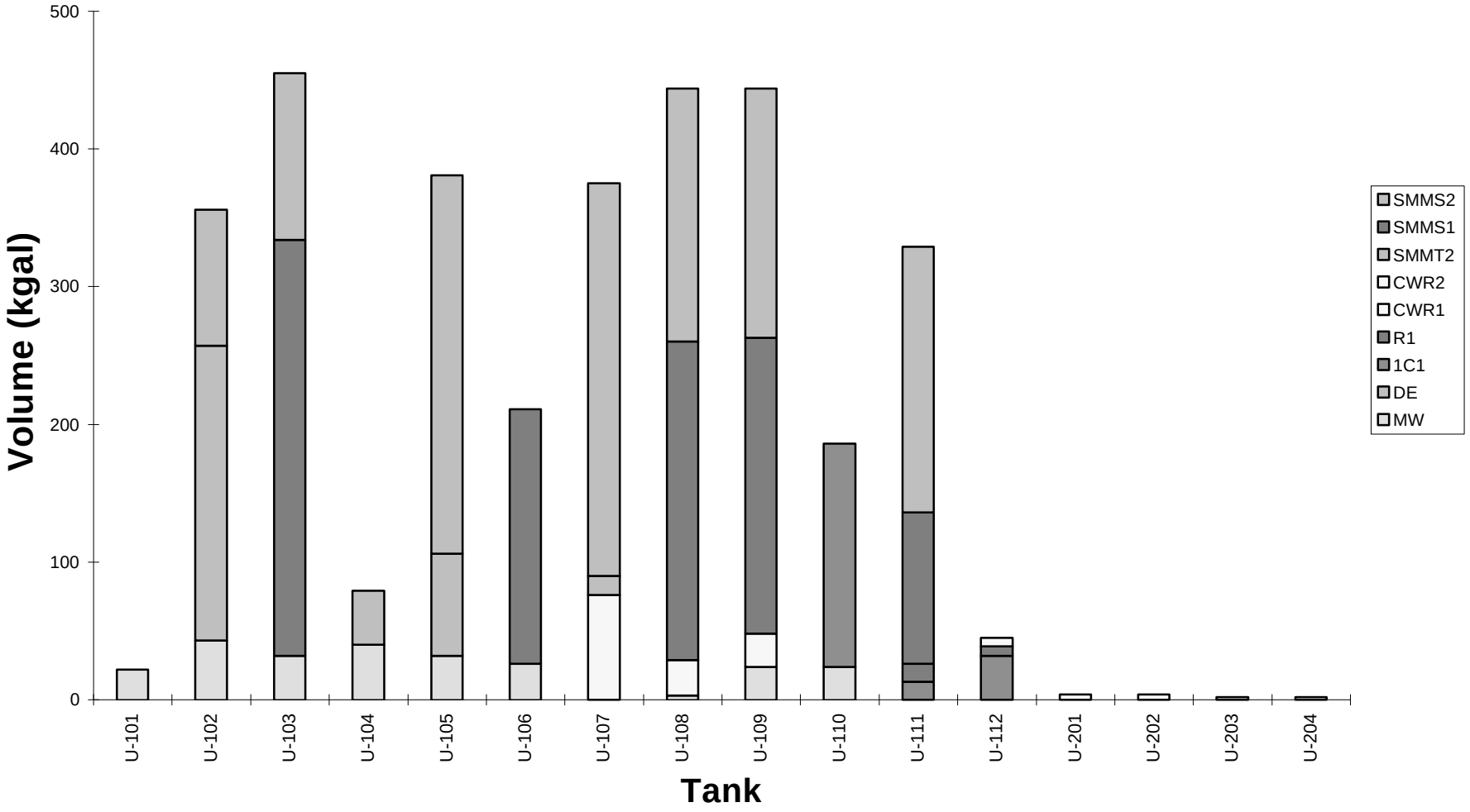
S Farm


Volume (kgal)
700
600
500
400
300
200
100
0
S-101
S-102
S-103
S-104
S-105
S-106
S-107
S-108
S-109
S-110
S-111
S-112
Tank
SMMS2
SMMS1
SMMT2
RSltCk
CWZR1
CWR2
CWR1
R1

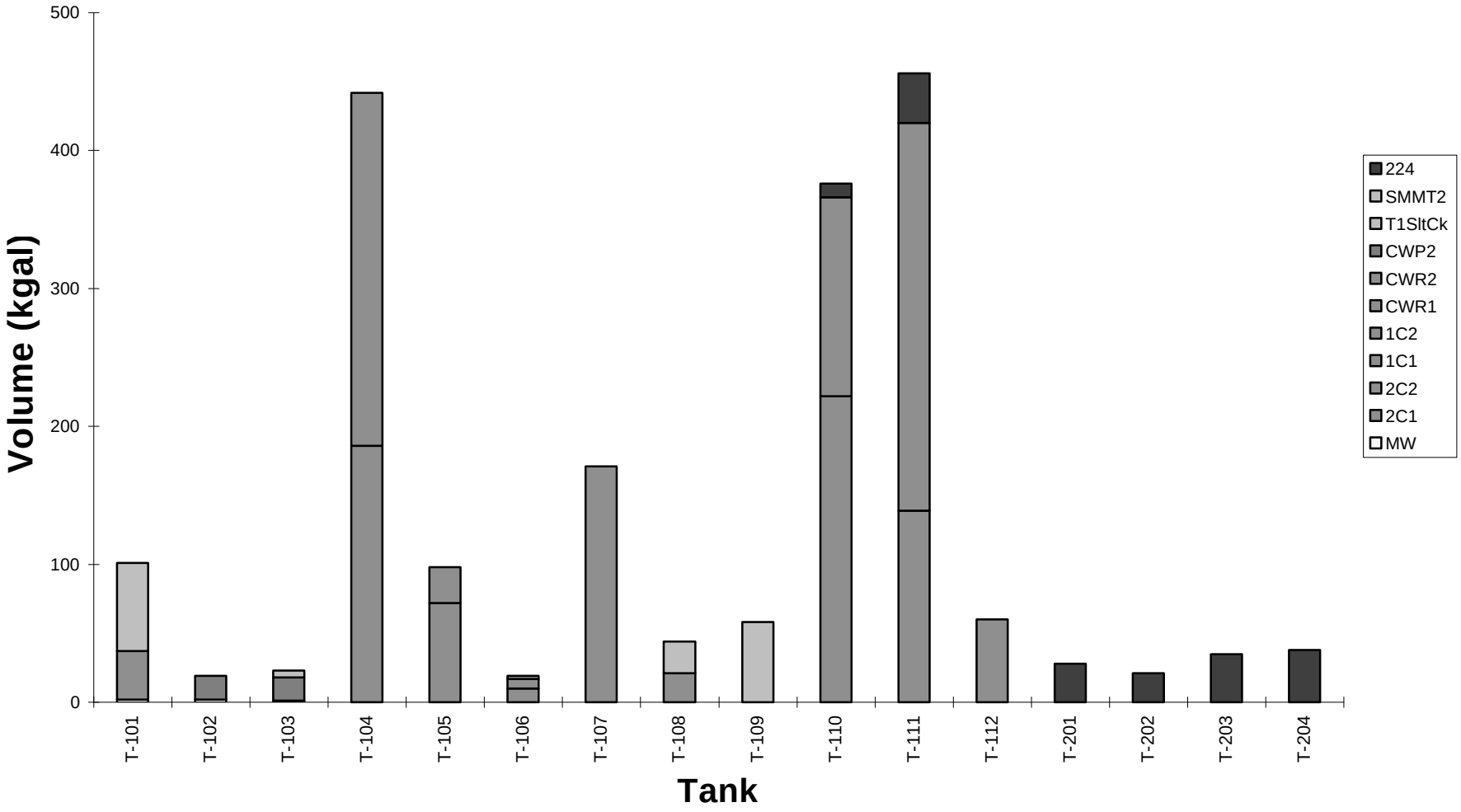
SX Farm


Volume (kgal)
1000
900
800
700
600
500
400
300
200
100
0
SX-101
SX-102
SX-103
SX-104
SX-105
SX-106
SX-107
SX-108
SX-109
SX-110
SX-111
SX-112
SX-113
SX-114
SX-115
Tank
DE
SMMS2
SMMS1
SMMT2
RSltCk
R2
R1

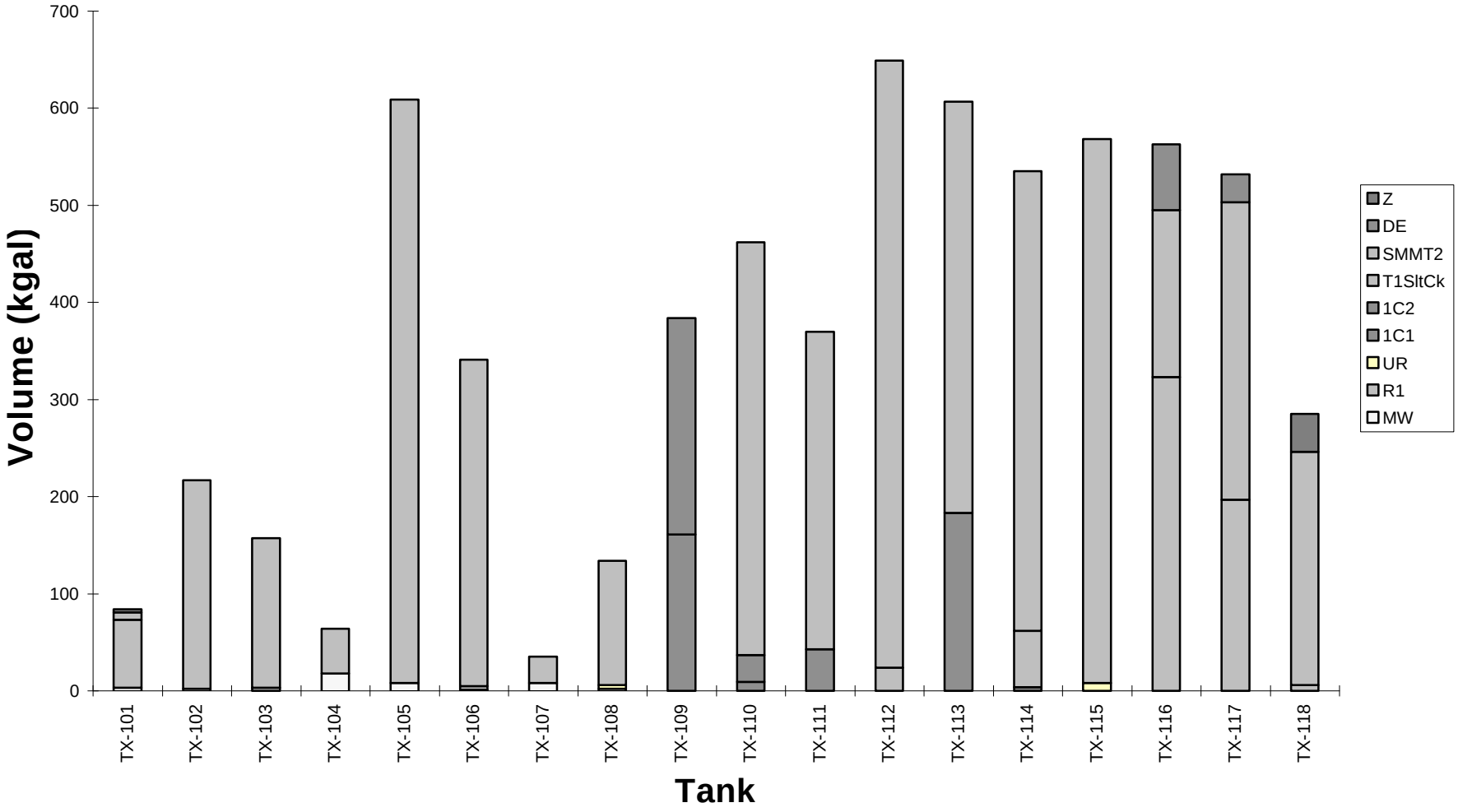
U Farm


Volume (kgal)
500
400
300
200
100
0
U-101
U-102
U-103
U-104
U-105
U-106
U-107
U-108
U-109
U-110
U-111
U-112
U-201
U-202
U-203
U-204
Tank
SMMS2
SMMS1
SMMT2
CWR2
CWR1
R1
1C1
DE
MW

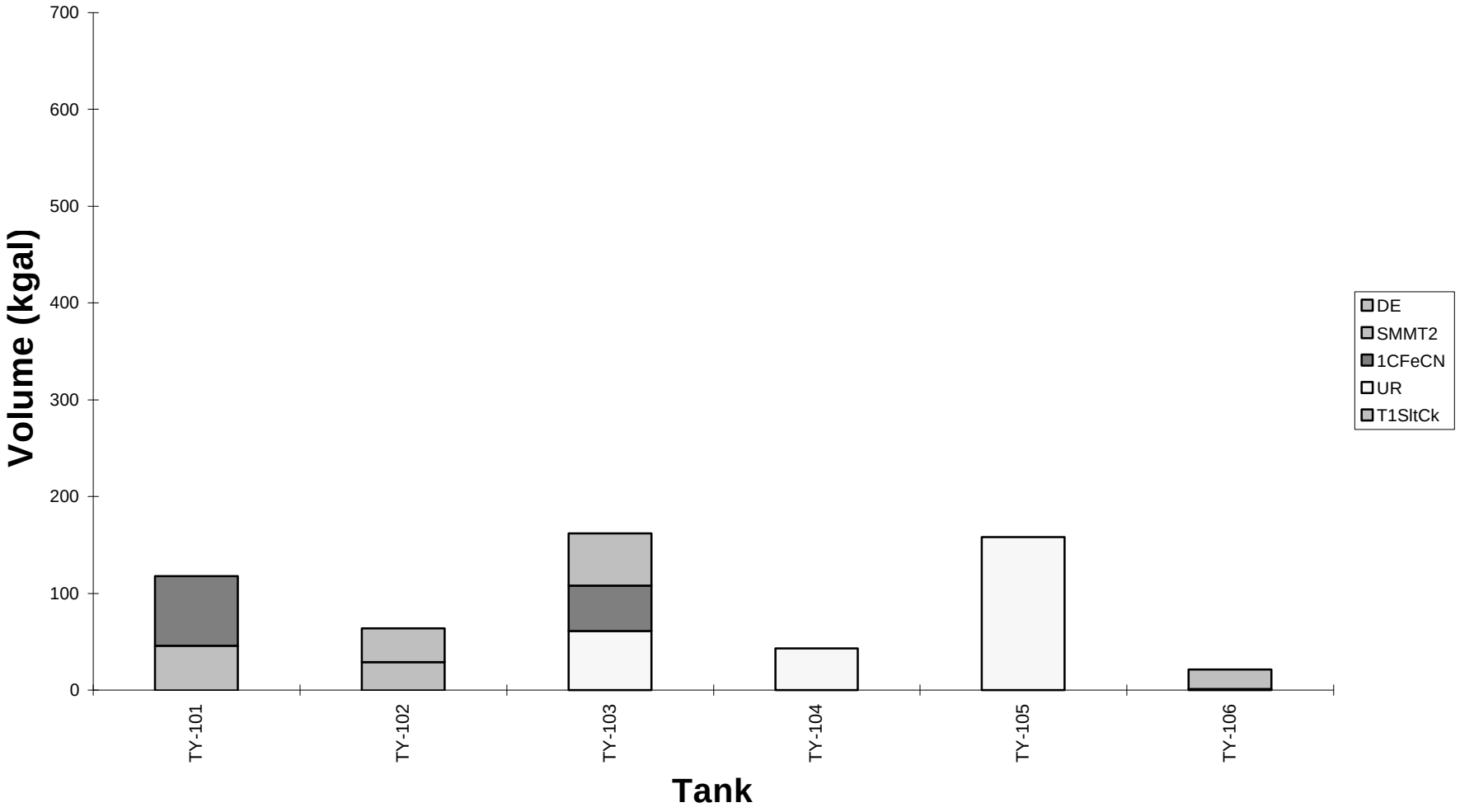
T Farm


Volume (kgal)
500
400
300
200
100
0
T-101
T-102
T-103
T-104
T-105
T-106
T-107
T-108
T-109
T-110
T-111
T-112
T-201
T-202
T-203
T-204
Tank
224
SMMT2
T1SltCk
CWP2
CWR2
CWR1
1C2
1C1
2C2
2C1
MW

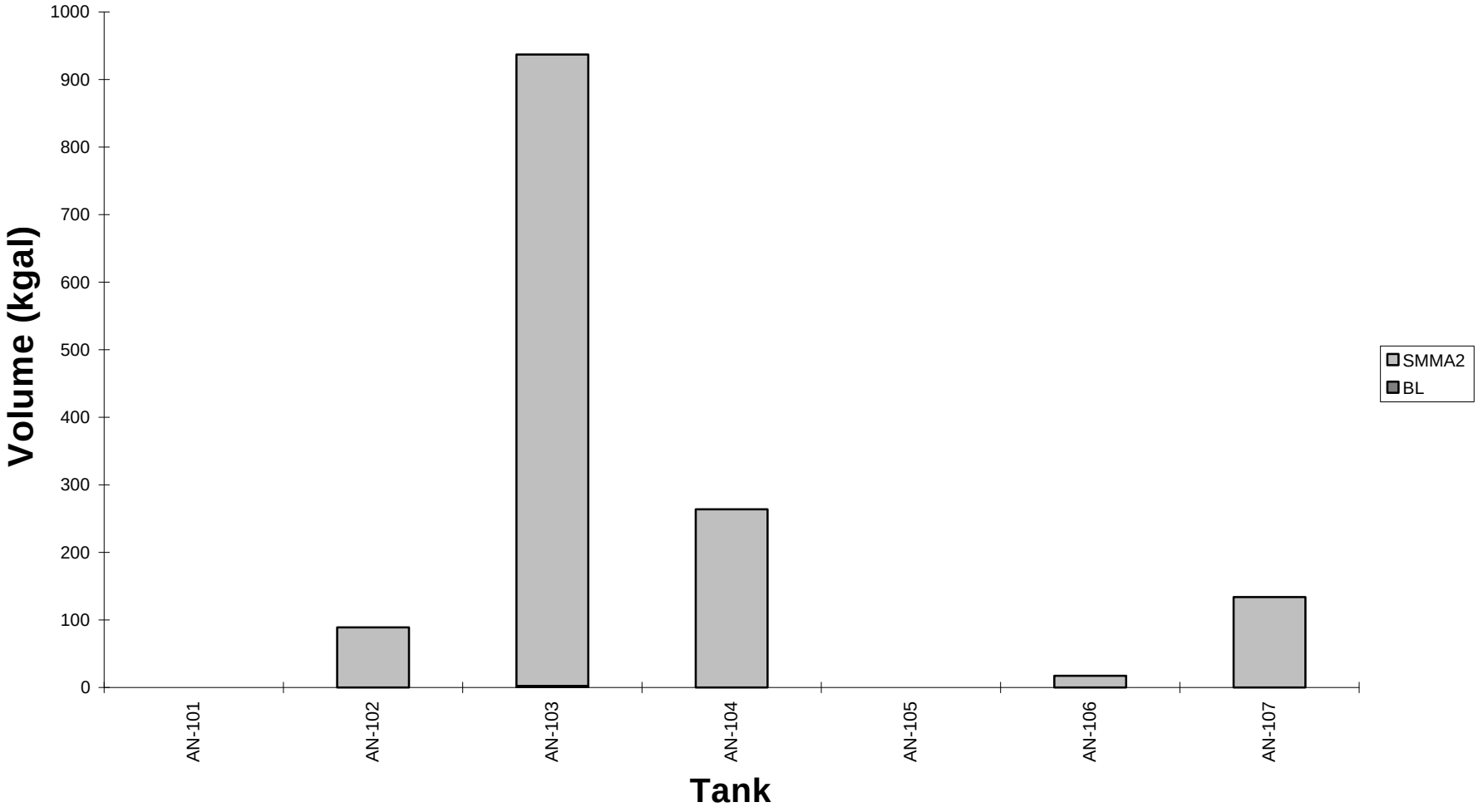
TX Farm


Volume (kgal)
700
600
500
400
300
200
100
0
TX-101
TX-102
TX-103
TX-104
TX-105
TX-106
TX-107
TX-108
TX-109
TX-110
TX-111
TX-112
TX-113
TX-114
TX-115
TX-116
TX-117
TX-118
Tank
Z
DE
SMMT2
T1SltCk
1C2
1C1
UR
R1
MW

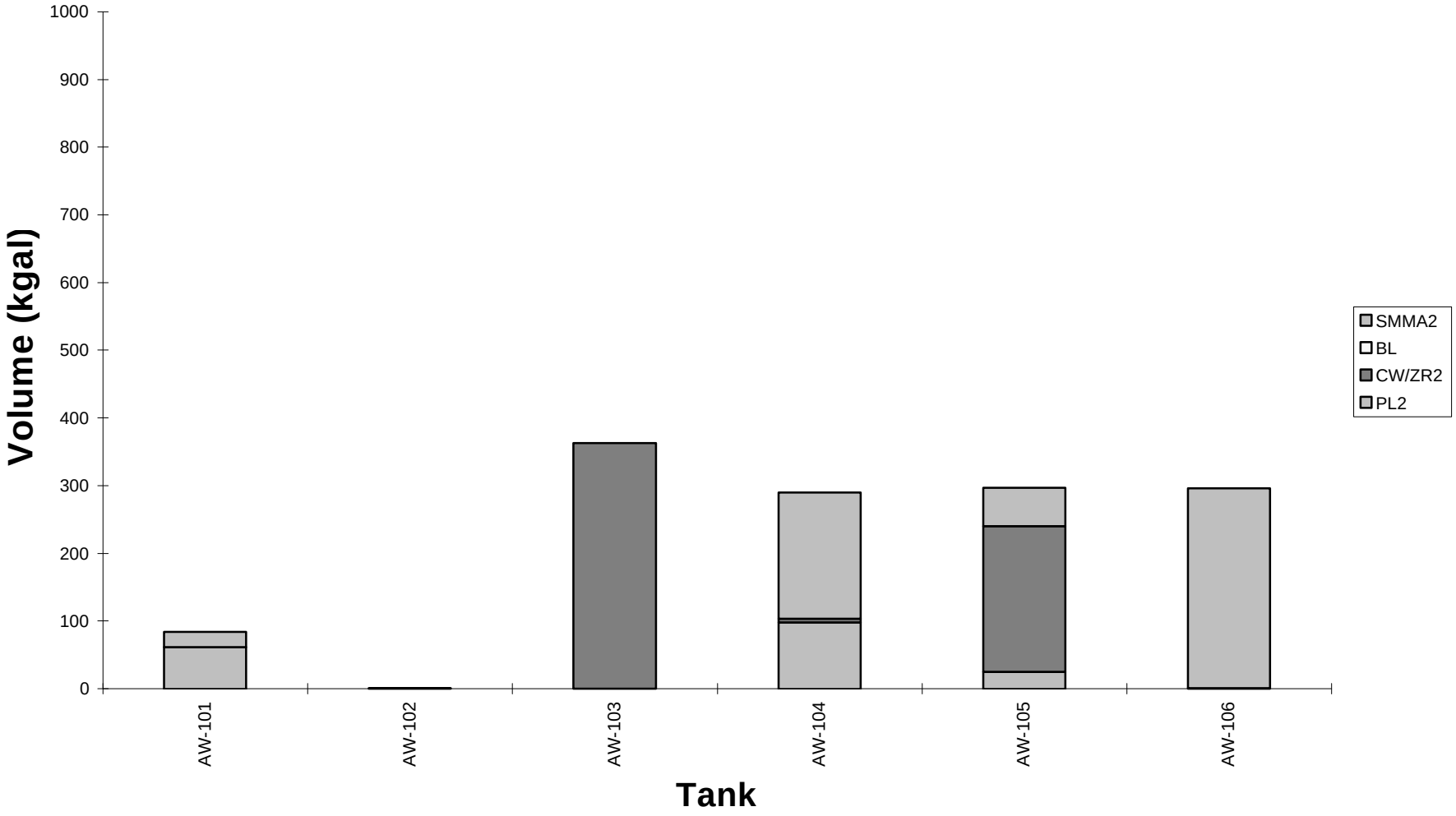
TY Farm


700
600
500
400
300
200
100
0
Volume (kgal)
DE
SMMT2
1CFeCN
UR
T1SltCk
TY-101
TY-102
TY-103
TY-104
TY-105
TY-106
Tank

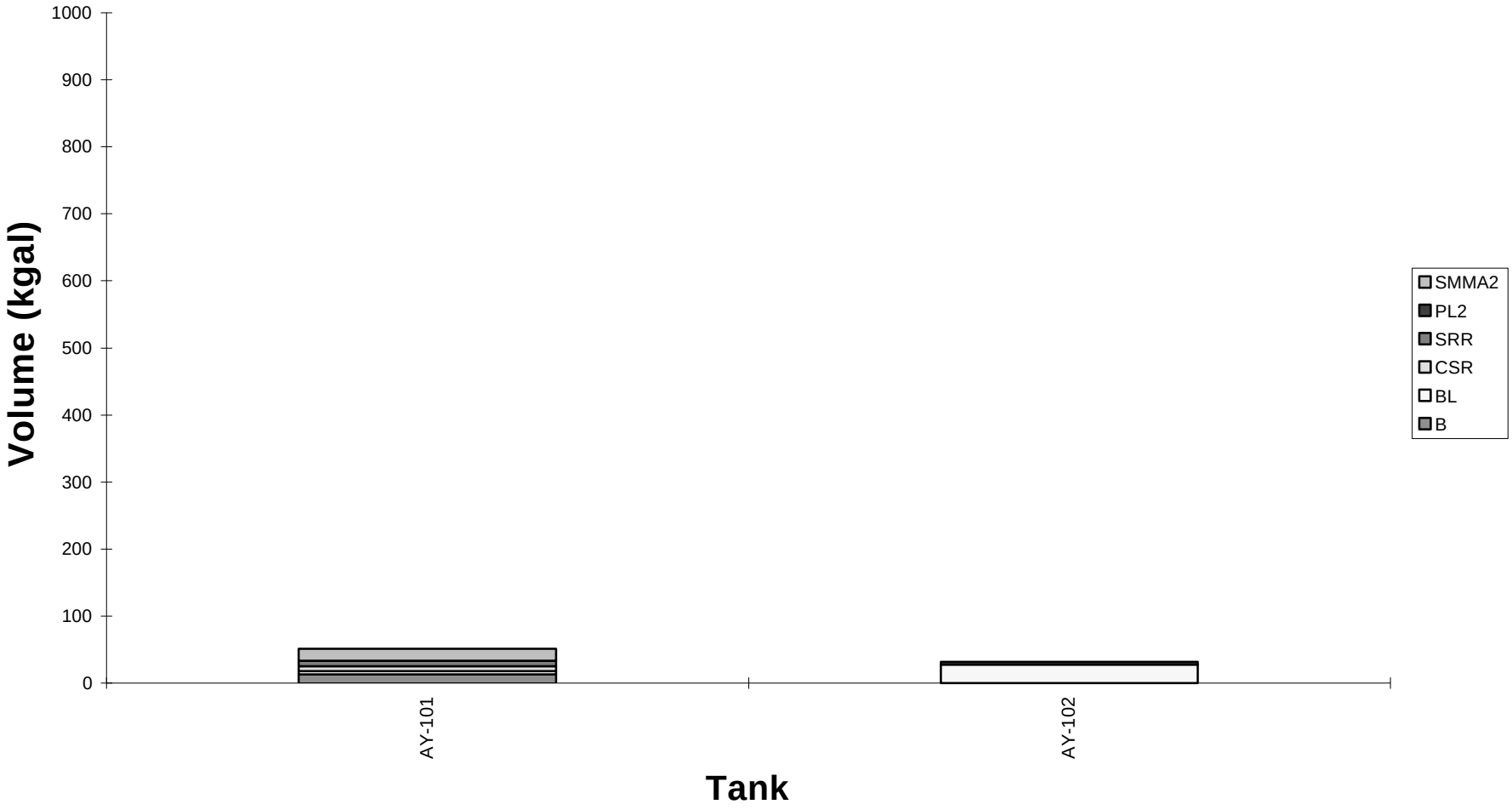
AN Farm


Volume (kgal)
1000
900
800
700
600
500
400
300
200
100
0
AN-101
AN-102
AN-103
AN-104
AN-105
AN-106
AN-107
Tank
SMMA2
BL

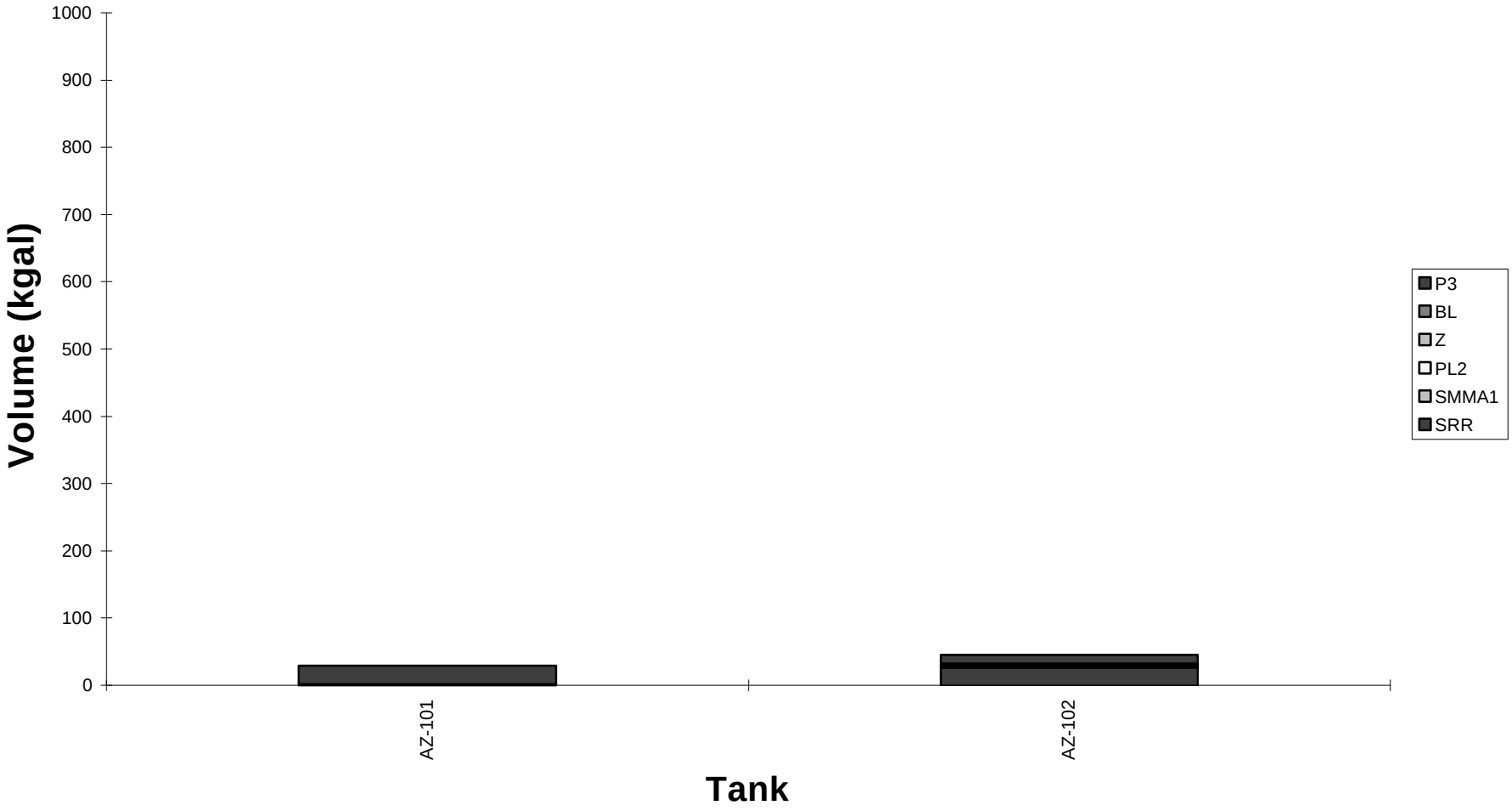
AW Farm


Volume (kgal)
1000
900
800
700
600
500
400
300
200
100
0
AW-101
AW-102
AW-103
AW-104
AW-105
AW-106
Tank
SMMA2
BL
CW/ZR2
PL2

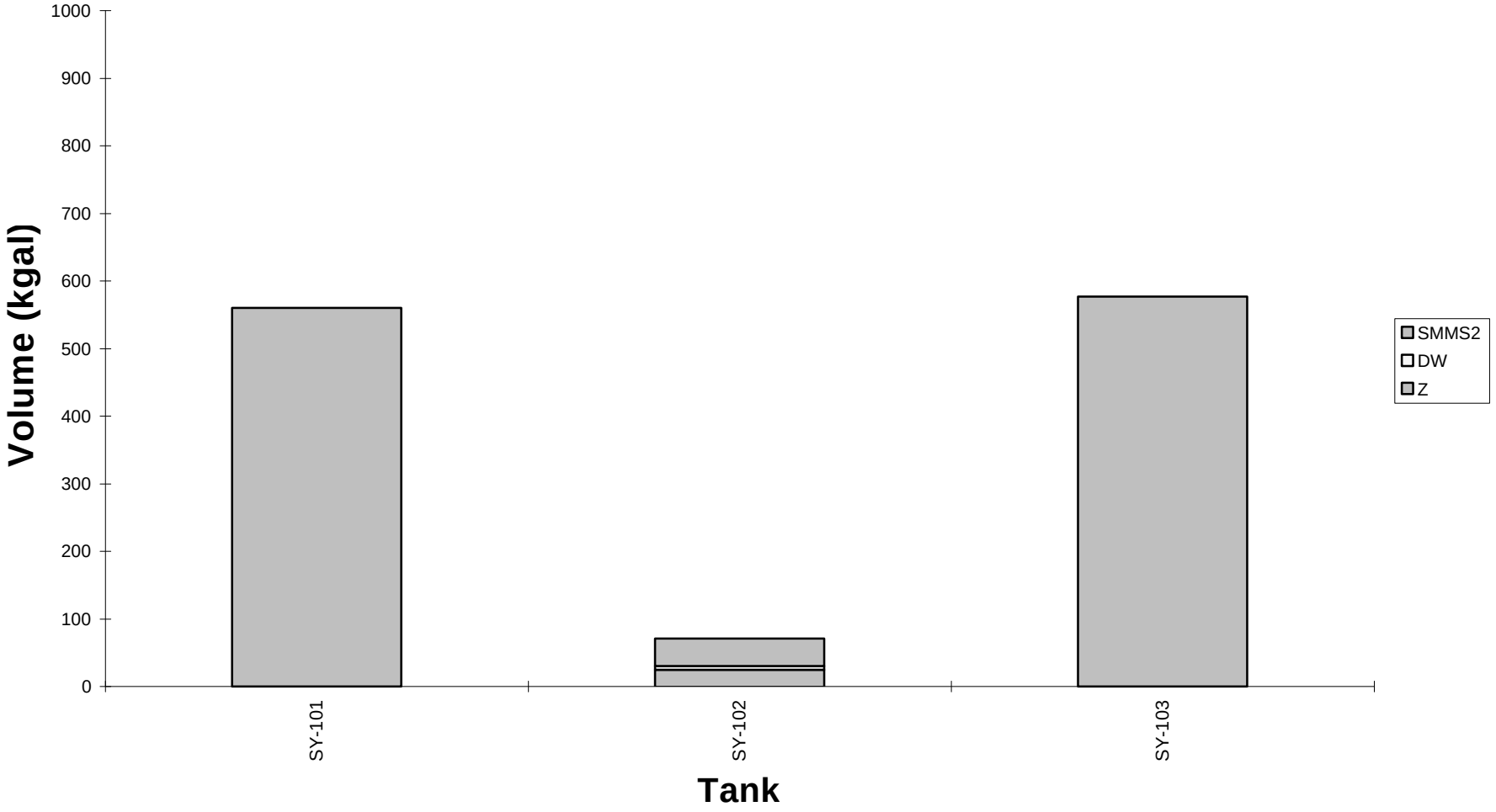
AY Farm


1000
900
800
700
600
500
400
300
200
100
0
Volume (kgal)
SMMA2
PL2
SRR
CSR
BL
B
AY-101
AY-102
Tank

AZ Farm


1000
900
800
700
600
500
400
300
200
100
0
Volume (kgal)
P3
BL
Z
PL2
SMMA1
SRR
AZ-101
AZ-102
Tank

SY Farm


1000
900
800
700
600
500
400
300
200
100
0
Volume (kgal)
SY-101
SY-102
SY-103
Tank
SMMS2
DW
Z

Hanlon-Welty Level Discrepancies (>10 kgals)

Tank	Welty (in)	Welty (kgal)	Welty date	Hanlon date	Hanlon (kgal)	(+) diffs	(-) diffs	Tent. new value	comments
A-105	13.00	36	9/30/82	8/22/75	19	17			Boyles-annulus of waste calculation
A-106	37.70	104	10/3/80	9/6/78	125		-21		Hanlon-Welty 104 kgal is from one field reading
B-105	**39.25**	**120**	**1/1/83**	**12/26/80**	**306**		**-186**	**158**	**"306 to 158, boyles 123+183 sltck. lanl calcs123+ (20-50) sltck. ledge of sltck in tank from pictures.**
BX-105	24.80	81	2/1/83	9/2/82	51	30			Welty-later records
BX-111	79.00	230	3/1/83	7/25/73	211	19			Welty-later records
BY-101	144.50	377	3/1/83	5/29/80	387		-10		Welty-later records
BY-104	**130.50**	**338**	**3/1/83**	**4/27/78**	**406**		**-68**	**326**	**126" from surface level data-Husa**
BY-105	186.00	491	3/15/83	4/27/78	503		-12		Welty-later records
C-104	93.70	270	4/5/82	9/21/85	295		-25		Welty-Do not understand Boyle-Hanlon. Latest surv. records show 252 kgal.
C-106	74.90	218	4/5/83	4/27/78	229		-11		Welty-later records
S-102	201.60	534	5/31/83	4/27/78	549		-15		Welty-later records
S-103	103.80	265	5/31/83	11/19/76	248	17			Welty-later records
S-105	**137.60**	**358**	**5/31/83**	**9/25/84**	**456**		**-98**	**407**	**137.60"from surface level data -Husa +18" from measmnt corr for slope and irregularities**
S-108	**171.90**	**452**	**6/7/83**	**4/27/78**	**604**		**-152**	**502**	**172" from latest surface level data-Husa + 18" for msrmnt corr due to irregular surface**
S-109	**183.80**	**485**	**6/7/83**	**9/29/71**	**568**		**-83**	**507**	**173.80" from surface level data-Husa +18" for msrmnt corr for irregular surface**
S-111	**203.10**	**538**	**6/7/83**	**4/27/78**	**596**		**-58**	**538**	**203.10" from surface level data-Welty**
SX-106	194.80	521	7/5/83	10/27/76	538		-17		Welty-later records
U-104	34.00	106	9/30/82	4/27/78	122		-16		Welty-later records
T-109	4.65	25	8/19/80	12/29/80	58		-33		Boyles-FIC plummet contacting solids in depression
T-110	147.00	417	9/7/83	4/27/78	379	38			Welty-later records
TX-103	56.00	134	10/2/81	8/13/76	157		-24		Welty-later records
TX-105	219.25	582	6/30/82	8/21/73	609		-27		Welty-later records
TX-106	**147.50**	**385**	**6/30/82**	**8/28/73**	**453**		**-68**	**341**	**131.5" from surface level data-Husa**
TX-110	170.00	447	6/30/82	5/29/79	462		-15		Welty-later records
TX-113	224.25	596	6/30/82	5/29/79	607		-11		Welty-later records
TX-115	**208.00**	**552**	**6/30/82**	**3/24/79**	**640**		**-89**	**568**	**208" from surface level data-Husa + 6" due to msmrmnt corr for irregular surface**
TX-116	**214.50**	**569**	**6/30/82**	**3/30/68**	**631**		**-62**	**563**	**212" from surface level data-Husa**
TX-117	**186.25**	**492**	**6/30/82**	**12/30/67**	**626**		**-134**	**532**	**201" from surface level data and pumping records from waste level history -about 18" pumped to swliq**
TX-118	**113.80**	**292**	**2/11/81**	**11/16/76**	**347**		**-55**	**285**	**111.2" from surface level data-Husa**
TY-101	44.60	102	11/1/80	4/27/78	118		-16		Welty-later records

Appendix D.

SMM / TLM Volumes Tables

March 1996

The SMM (Supernatant Mixing Model) provides a description of each tank's free supernatant and supernatant concentrate based on a linear combination of Hanford Defined Waste (HDW) supernatants. The output of the SMM is an table whose column are the HDW's and whose rows are the tanks and processes that hold HDW inventory. The fill of the array are composition row vectors for each tank or process and are all given in kgal (1 kgal = 1,000 gal) of original HDW. The row sum of this table represents a total volume that is usually greater than the actual volume of free supernatant or concentrate within each tank. This difference is because of active evaporation or dilution of waste sometime during its history.

The TLM table correspondingly provides composition row vectors for the TLM sludges for each tank. In contrast to the SMM, the row sum of a tank's HDW sludges does equal the total volume of the sludges predicted by the TLM. This value may be still be different from the actual solids level reported for a tank because the salt cakes from later evaporator campaigns are treated as concentrates and therefore predicted by the SMM.

The tank composition table provides a description of each tank's SMM composition in terms of per cent of HDW supernatants in rows that sum to 100%. The HDW distribution table gives per cent distribution of each HDW supernatant in columns summing to 100%.

Table D1. Descriptions of SMM Tables' Columns

Column Headings	Descriptions
Columns 2-67 (B-BO)	assigned to Defined Waste Columns
Columns 68-71 (BP-BS)	auxiliary waste definitions
assume	original concentration volume of waste from assumed transactions
smmvol	original concentration volume of HDW wastes in the tank or that went to a secondary process or crib
supvol	kgals of supernatant in the tank or that went to process or crib
tlmvol	kgals of TLM residual solids predicted in the tank
tankvol	total volume in kgals of waste in the tank
traffic	total traffic for a tank or process year to date
assume trfc	total traffic from assumed transactions for a tank or process year to date
Max. TOC wt%	maximum TOC wt% experienced by the tank for all of its history
date of Max. TOC	date when maximum TOC wt% occurred
TOC wt% now	present TOC wt% in the tank
Max. Haz. Index	maximum Hazard Index experienced by the tank for all of its history
Haz. Ind. now	present Hazard Index now

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	224	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1
A-101	0.6	0.2	3.2	13.8	0.0	4.5	2.8	43.6	5.0	5.8	3.8	1.8	226.4	26.0	42.3	25.7	59.1	30.6		8.1	33.3	144.4	8.5	12.4
A-102	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.8	0.1	0.1	0.1	0.0	4.1	0.5	0.8	0.5	1.0	0.5		0.2	0.6	2.8	0.2	0.2
A-103	0.2	0.1	1.2	5.1	0.0	1.7	1.1	16.5	1.9	2.3	1.5	0.7	84.3	9.7	15.7	9.6	21.8	11.5		3.1	13.3	56.9	3.2	4.7
A-104																								
A-105	0.0		0.0	0.0	0.0	0.0		0.0	0.0		0.0						0.0	0.0		0.0	0.0	0.0		0.0
A-106	0.1	0.0	0.4	1.8	0.0	0.6	0.4	5.6	0.6	0.6	0.4	0.2	32.1	3.5	6.0	3.5	8.4	4.1		0.9	3.5	16.0	1.2	1.7
AX-101	0.5	0.1	2.5	10.7	0.0	3.5	2.2	34.4	3.9	4.8	3.1	1.4	176.2	20.2	32.8	20.0	45.6	23.9		6.5	27.6	118.3	6.6	9.7
AX-102	0.0	0.0	0.2	0.7	0.0	0.2	0.1	2.1	0.2	0.2	0.2	0.1	12.2	1.3	2.3	1.3	3.2	1.6		0.3	1.4	6.3	0.4	0.6
AX-103	0.1	0.0	0.3	1.4	0.0	0.5	0.3	4.4	0.5	0.6	0.4	0.2	23.0	2.6	4.4	2.6	6.3	3.2		0.7	3.4	14.5	0.9	1.3
AX-104																								
B-101																								
B-102	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.1	0.5	0.0	0.0
B-103	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.1	0.3	0.0	0.0
B-104			0.0	0.0	0.0	0.0		0.0																
B-105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
B-106	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.2	0.0	0.0
B-107	0.0		0.0	0.0	0.0	0.0		0.0	0.0		0.0						0.0	0.0			0.0	0.2		0.0
B-108	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
B-109																								
B-110																								
B-111	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0						0.0	0.0			0.0	0.0		0.0
B-112	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
B-201																								
B-202							7.7																	
B-203							0.0																	
B-204							0.0																	
BX-101																								
BX-102	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.2						0.0	0.0			1.7	4.9		0.0
BX-103	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.2	0.0	0.0
BX-104	0.1	0.0	0.3	1.3	0.0	0.4	0.3	4.0	0.5	0.4	0.3	0.2	21.9	2.6	4.0	2.5	4.2	2.2		0.8	2.3	10.8	0.8	0.9
BX-105	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	1.6	0.2	0.3	0.2	0.3	0.2		0.1	0.2	0.8	0.1	0.1
BX-106	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1		0.0	0.3	1.0	0.0	0.0
BX-107	0.0	0.0	0.0	0.0	0.0	0.0		0.2	0.0	0.0	0.0						0.0	0.0			0.0	0.0		0.0
BX-108																								
BX-109	0.0		0.0	0.0				0.0	0.0	0.0	0.0						0.0				0.0	0.0		0.0
BX-110	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
BX-111	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.1	0.5	0.0	0.0
BX-112	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.1	0.0	0.0
BY-101																								
BY-102	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1		0.0	0.2	0.5	0.0	0.0
BY-103																								
BY-104																								
BY-105																								
BY-106																								
BY-107	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	224	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1
BY-108	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
BY-109																								
BY-110	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
BY-111																								
BY-112	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
C-101																								
C-102	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0						0.0	0.0			0.0	0.0		0.0
C-103	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.1	0.4	0.0	0.1	0.0	0.3	0.0	0.6	0.4		0.1	2.6	5.4	0.0	0.2
C-104	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.0	0.1	0.2	0.1	0.3	0.1		0.0	0.1	0.6	0.0	0.1
C-105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
C-106	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0						0.0	0.0		0.0	0.0	0.0		0.0
C-107																								
C-108																								
C-109																								
C-110	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0						0.0	0.0		0.0	0.0	0.0		0.0
C-111			0.0					0.0			0.0										0.0			0.0
C-112	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0						0.0	0.0		0.0	0.0	0.0		0.0
C-201																								
C-202																								
C-203																								
C-204																								
S-101	0.3	0.1	1.3	5.1	0.0	1.8	1.0	16.0	1.8	1.8	1.2	0.7	100.4	11.0	18.5	10.1	15.7	8.4		2.5	10.0	45.8	3.3	3.5
S-102	0.6	0.2	2.8	13.5	0.0	4.7	2.7	39.3	4.5	3.8	2.6	1.8	230.8	25.6	42.7	25.6	38.0	20.0		5.5	20.8	100.7	8.5	8.1
S-103	0.4	0.1	1.8	9.4	0.0	3.4	2.0	26.5	3.0	2.5	1.7	1.2	140.2	16.6	26.4	17.2	25.2	13.4		3.5	13.8	67.0	5.7	5.4
S-104													0.0		0.0	0.0								
S-105	0.3	0.1	1.3	6.4	0.0	4.8	0.0	21.5	2.7	1.1	1.0	1.2	506.8	18.6	66.7	19.6	19.1	10.8		1.6	6.7	41.7	5.6	3.5
S-106	0.3	0.1	1.2	5.6	0.0	4.7	0.0	19.7	2.5	1.2	1.0	1.1	459.4	24.2	58.5	17.8	24.5	10.6		5.0	7.4	45.6	5.0	4.5
S-107	0.1	0.0	0.5	2.4	0.0	0.7	0.5	7.0	0.8	0.7	0.5	0.3	36.7	4.5	6.8	4.4	7.5	3.9		1.4	4.1	19.2	1.5	1.6
S-108	0.4	0.1	1.7	8.1	0.0	6.5	0.0	28.0	3.5	1.4	1.3	1.6	632.2	31.7	85.7	25.5	24.7	14.7		3.1	8.8	55.4	7.2	4.6
S-109	0.4	0.1	1.6	7.7	0.0	6.2	0.0	26.7	3.3	1.5	1.3	1.5	585.5	32.2	80.3	24.3	23.7	14.2		4.1	9.1	56.6	6.8	4.4
S-110	0.2	0.1	1.0	4.1	0.0	2.2	0.4	14.4	1.9	2.4	1.3	0.7	182.1	12.9	24.9	10.2	18.0	9.0		3.5	12.8	58.4	3.1	4.0
S-111	0.4	0.1	1.9	8.1	0.0	5.2	1.1	28.0	3.4	2.5	1.8	1.4	464.7	29.0	62.2	22.1	32.4	15.4		6.5	15.0	76.7	6.5	6.6
S-112	0.4	0.1	1.8	8.5	0.0	6.8	0.0	29.6	3.7	1.5	1.4	1.7	664.6	33.5	90.1	26.9	26.2	15.5		3.3	9.6	59.4	7.6	4.9
SX-101	0.1	0.0	0.4	2.0	0.0	0.7	0.4	6.0	0.7	0.6	0.4	0.3	38.9	4.0	6.9	3.9	5.8	3.1		0.9	3.2	15.4	1.3	1.2
SX-102	0.8	0.2	3.9	18.4	0.0	5.5	4.8	57.0	6.5	6.5	4.3	2.5	276.1	36.6	51.3	34.8	54.4	30.1		8.9	36.1	165.2	11.7	12.3
SX-103	0.9	0.3	4.2	22.9	0.0	6.7	7.2	66.7	7.6	6.5	4.4	3.0	271.6	39.2	53.8	41.3	62.4	33.4		9.2	35.1	167.7	14.0	13.5
SX-104	0.7	0.2	3.4	14.2	0.0	4.7	2.9	44.0	5.1	4.9	3.3	2.0	258.7	29.3	47.6	27.5	42.9	23.1		7.3	27.7	125.8	9.1	9.6
SX-105	1.0	0.2	4.8	19.7	0.0	6.7	5.2	62.0	7.1	7.2	4.8	2.7	370.7	42.3	66.8	38.2	60.8	32.9		10.9	41.5	185.2	12.6	13.9
SX-106	0.8	0.2	3.6	19.3	0.0	6.9	4.0	54.0	6.2	5.2	3.6	2.5	281.6	33.7	53.4	35.0	51.4	27.3		7.1	28.0	136.2	11.6	11.0
SX-107													2.2	5.3	0.0									
SX-108													10.1	13.5	0.0									
SX-109													7.6	6.0										
SX-110																								
SX-111	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0		0.0	0.0	0.2	0.0	0.0
SX-112													0.5	47.2	0.0									

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	224	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1
SX-113													13.4											
SX-114	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.0	0.0	0.0	0.0	0.0		0.0	0.0	0.4	0.0	0.0
SX-115																								
U-101																								
U-102	0.6	0.2	2.7	13.6	0.0	3.9	3.2	40.3	4.7	3.8	2.6	1.9	156.4	23.4	35.8	27.7	40.3	21.2		5.1	20.4	102.0	9.1	8.5
U-103	0.9	0.2	4.0	17.3	0.0	4.5	3.2	51.3	5.8	4.8	3.3	2.3	205.8	29.7	48.5	31.7	47.4	25.3		6.4	26.1	125.5	10.8	10.2
U-104	0.1	0.3	0.4	2.1	0.0	2.3	0.0	9.3	2.2	0.4	0.1	1.4	21.7	6.2	24.7	29.1	33.2	14.9			2.4	45.5	7.1	5.6
U-105	0.8	0.2	3.7	16.5	0.0	4.4	3.4	48.8	5.5	4.7	3.2	2.2	199.1	28.5	45.0	30.1	45.4	24.3		6.5	25.5	122.0	10.3	9.8
U-106	0.3	0.1	1.4	5.8	0.0	2.0	2.0	19.0	2.2	2.5	1.6	0.8	114.0	13.1	19.1	11.3	18.7	10.6		4.7	14.5	63.3	3.7	4.5
U-107	0.5	0.1	2.3	12.2	0.0	4.3	2.6	34.4	4.0	3.3	2.3	1.6	178.6	21.5	33.9	22.2	32.8	17.4		4.6	18.0	87.2	7.4	7.0
U-108	0.6	0.2	3.1	11.8	0.0	4.2	3.3	39.3	4.5	5.1	3.3	1.7	257.9	28.7	43.4	23.8	39.6	21.6		7.9	30.0	128.9	7.8	9.4
U-109	0.9	0.2	3.9	12.6	0.0	4.5	2.9	42.6	4.9	5.4	3.5	2.0	273.1	34.4	46.7	26.6	45.2	24.4		9.4	31.6	137.6	9.0	10.6
U-110																								
U-111	0.3	0.1	1.4	7.0	0.0	2.4	1.5	20.5	2.4	2.0	1.3	0.9	116.9	13.2	21.9	13.4	19.8	10.5		2.9	10.7	52.0	4.4	4.2
U-112																								
U-201	0.0		0.0										0.0		0.0									
U-202																								
U-203	0.0		0.1										1.5		1.0									
U-204																								
T-101	0.0	0.0	0.1	1.4	0.0	0.9	3.1	2.6	0.3	0.2	0.1	0.1	4.0	1.3	1.4	1.6	2.2	1.1		0.2	0.8	4.7	0.6	0.4
T-102																								
T-103	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
T-104	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.6	0.1	0.1	0.1	0.1	0.1		0.0	0.1	0.3	0.0	0.0
T-105																								
T-106																								
T-107																								
T-108																								
T-109																								
T-110					0.0	1.7	0.0																	
T-111					0.0	0.5	0.0																	
T-112																								
T-201																								
T-202																								
T-203																								
T-204																								
TX-101	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.6	0.1	0.1	0.0	0.0	4.4	0.4	0.7	0.4	0.6	0.3		0.1	0.3	1.5	0.1	0.1
TX-102	0.3	0.1	1.6	11.4	0.0	1.9	0.0	32.1	3.6	2.1	1.6	1.4	43.3	14.2	16.1	19.9	26.2	14.1		1.6	10.0	56.6	7.1	5.1
TX-103	0.1	0.1	0.6	5.5	0.0	2.1	1.6	12.5	1.4	0.8	0.6	0.6	19.3	5.7	6.7	8.2	10.8	5.6		0.7	4.0	23.0	2.8	2.1
TX-104	0.1	0.0	0.3	2.3	0.0	0.4	0.0	6.5	0.7	0.4	0.3	0.3	10.3	2.9	3.3	4.0	5.6	2.9		0.5	2.0	11.5	1.4	1.1
TX-105	1.1	0.5	5.1	34.7	0.0	5.9	0.0	98.9	11.5	7.0	5.3	4.6	136.9	45.5	51.4	63.7	81.1	43.5		2.9	32.7	183.5	22.7	16.1
TX-106	0.5	0.2	2.5	17.7	0.0	3.0	0.0	50.1	5.6	3.3	2.5	2.3	74.9	22.4	25.4	31.3	42.2	21.9		2.8	15.6	88.6	11.0	8.2
TX-107	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	1.2	0.3	0.4	0.5	0.6	0.3		0.1	0.2	1.3	0.2	0.1
TX-108	0.2	0.1	0.8	5.3	0.0	0.9	0.0	15.1	1.7	1.0	0.8	0.7	22.3	6.8	7.8	9.7	12.8	6.6		0.6	4.7	27.1	3.4	2.5
TX-109	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
TX-110	0.7	0.3	3.2	23.0	0.0	3.8	0.0	64.9	7.2	4.3	3.3	2.9	93.6	28.8	32.8	40.5	53.5	28.2		3.3	20.3	115.1	14.3	10.5

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	224	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1
TX-111	0.5	0.2	2.4	17.5	0.0	2.9	0.0	49.3	5.5	3.2	2.5	2.2	72.5	21.9	24.9	30.7	41.0	21.5		2.8	15.3	87.1	10.8	8.0
TX-112	1.2	0.5	5.7	36.5	0.0	6.4	0.0	102.5	12.6	8.4	6.5	5.0	144.5	46.0	57.5	70.9	88.6	48.5		2.6	39.2	214.7	24.7	17.9
TX-113	1.1	0.5	4.7	28.3	0.0	5.8	0.0	74.2	8.6	4.6	3.4	4.1	106.5	28.7	56.1	67.3	81.1	39.8		1.7	22.3	155.5	20.3	15.1
TX-114	1.2	0.5	5.4	34.4	0.0	5.8	0.0	89.4	9.7	5.9	4.5	4.3	119.4	34.3	53.8	65.2	79.7	40.5		2.1	28.2	172.2	21.0	15.4
TX-115	1.2	0.6	5.4	35.4	0.0	7.0	0.0	97.3	11.5	6.4	4.7	5.1	137.6	41.6	64.6	78.8	97.5	49.6		2.5	30.5	194.0	25.2	18.5
TX-116	0.2	0.3	1.0	7.9	0.0	7.4	0.0	29.3	5.1	0.6	0.1	4.2	45.9	15.0	35.5	38.8	45.2	20.4			3.2	51.7	11.7	7.6
TX-117	0.4	0.5	1.7	12.4	0.0	12.3	0.0	49.9	8.8	1.4	0.3	7.2	83.4	26.6	72.1	86.1	109.9	49.6		0.3	7.8	105.0	24.0	18.4
TX-118	0.2	0.1	0.9	6.7	0.0	2.7	0.7	15.4	1.8	1.1	0.8	0.7	47.3	8.0	11.4	10.4	13.8	7.2		1.2	5.7	31.4	3.5	2.8
TY-101	0.0		0.0	0.0	0.0			0.0	0.0			0.0	0.0	0.0	0.0	0.0							0.0	
TY-102	0.1	0.0	0.2	1.8	0.0	0.3	0.0	5.0	0.5	0.3	0.2	0.2	7.3	2.2	2.5	3.1	4.1	2.1		0.2	1.5	8.7	1.1	0.8
TY-103	0.1	0.0	0.4	2.2	0.0	0.4	0.0	6.3	0.8	0.4	0.3	0.3	8.9	2.8	3.7	4.5	5.5	2.9		0.2	2.0	12.1	1.6	1.1
TY-104																								
TY-105								97.3																
TY-106																								
AN-101	0.2	0.1	0.9	3.8	0.0	10.0	0.3	13.9	1.7	1.3	0.8	0.7	258.0	12.4	34.9	11.0	13.0	7.6		1.6	7.8	42.8	3.2	2.7
AN-102	1.0	0.3	5.0	22.3	0.0	15.5	4.1	71.4	8.3	8.9	5.8	3.3	380.3	42.8	73.1	46.4	94.9	49.1		12.1	50.9	229.7	15.0	19.7
AN-103	0.6	0.3	3.3	16.0	0.0	22.8	2.0	62.0	6.8	7.9	4.6	2.9	283.6	30.7	58.5	41.2	65.8	35.8		6.4	43.0	208.1	12.7	14.2
AN-104	0.7	0.2	3.2	16.8	0.0	8.5	2.1	51.3	6.0	5.4	3.6	2.5	219.7	28.5	47.2	35.4	60.7	31.3		6.4	29.5	142.0	11.5	12.4
AN-105	1.4	0.6	6.8	37.9	0.0	22.9	3.5	118.2	13.8	10.5	7.0	6.3	414.7	60.9	102.5	86.4	135.2	68.9		11.4	56.6	293.6	27.6	26.8
AN-106	0.0	0.0	0.1	0.3	0.0	0.1	0.1	1.0	0.1	0.1	0.1	0.0	5.5	0.6	1.1	0.7	1.5	0.7		0.2	0.6	2.9	0.2	0.3
AN-107	0.5	0.2	2.9	13.1	0.0	4.0	1.7	43.6	5.0	6.5	4.1	1.8	144.3	20.7	32.9	25.5	58.4	31.4		6.2	37.3	157.7	8.4	12.4
AP-101	0.0	0.0	0.2	0.7	0.0	0.4	0.2	3.1	0.3	0.3	0.2	0.1	10.0	1.2	2.0	1.3	2.4	1.3		0.3	1.9	8.4	0.4	0.5
AP-102	0.6	0.2	2.7	12.5	0.0	4.1	2.3	38.8	4.4	4.1	2.8	1.7	204.5	23.3	39.0	24.2	55.2	26.9		5.7	22.9	106.8	8.0	10.9
AP-103	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.7	0.1	0.1	0.0	0.0	2.5	0.3	0.5	0.3	0.6	0.3		0.1	0.4	1.9	0.1	0.1
AP-104																								
AP-105	0.3	0.1	1.5	6.7	0.0	4.0	1.8	31.3	2.6	3.4	2.0	1.0	102.7	11.8	20.3	13.8	24.0	13.4		2.9	18.9	84.7	4.4	5.4
AP-106	0.1	0.0	0.6	2.4	0.0	1.5	0.6	11.3	0.9	1.2	0.7	0.4	37.3	4.3	7.4	5.0	8.7	4.9		1.1	6.8	30.4	1.6	2.0
AP-107																								
AP-108	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.5	0.1	0.1	0.1	0.1	0.1		0.0	0.1	0.3	0.0	0.0
AW-101	0.7	0.3	3.9	17.7	0.0	14.6	2.7	82.6	7.5	10.6	6.1	2.8	292.2	32.5	58.5	40.4	69.7	39.6		7.8	58.0	263.6	12.7	16.0
AW-102	0.2	0.1	1.2	14.0	0.0	2.9	1.3	23.7	2.0	2.4	1.5	0.8	87.5	10.6	16.4	10.8	18.2	10.1		2.4	13.7	61.9	3.5	4.1
AW-103	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.1	0.0	0.0
AW-104	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.1	0.0	0.0
AW-105	0.1	0.0	0.5	2.2	0.0	1.5	0.4	11.5	0.9	1.1	0.7	0.3	33.9	3.9	6.8	4.6	8.1	4.5		0.9	6.4	28.6	1.5	1.8
AW-106	0.2	0.1	1.3	5.7	0.0	3.2	1.4	28.2	2.2	2.6	1.6	0.9	99.5	14.3	18.5	11.8	19.8	11.0		2.5	14.8	67.2	3.8	4.4
AY-101	0.0	0.0	0.3	1.0	0.0	0.5	0.5	8.0	0.5	1.0	0.5	0.3	16.1	7.3	3.2	2.2	4.6	3.3		0.5	5.1	21.5	0.7	1.2
AY-102	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.1	0.0	0.0
AZ-101	0.0	0.0	0.2	0.7	0.0	0.2	0.1	2.3	0.3	0.3	0.2	0.1	11.5	1.4	2.2	1.4	2.9	1.5		0.4	1.6	7.0	0.5	0.6
AZ-102	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.1	0.1	0.1		0.0	0.1	0.3	0.0	0.0
SY-101	2.1	0.6	9.9	47.9	0.0	14.7	11.2	141.6	16.2	14.7	9.9	6.3	672.7	87.7	132.4	88.1	137.0	73.5		21.6	80.4	377.7	29.7	29.9
SY-102	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
SY-103	1.0	0.3	4.6	23.1	0.0	8.0	4.7	66.6	7.6	6.9	4.6	3.0	352.2	41.7	66.2	42.4	66.9	35.5		9.9	37.7	178.2	14.1	14.4
COND																								
CRIB	343.2	1.2	5818.7	6365.9	8174.2	21083.5	1463.9	1684.0	11343.2	18165.3	10413.3	2531.8					32.8				276.1			12.9
CSR	0.0	0.0	4.7	3.4	0.4	71.1	0.0	270.1	56.9	23.5	5.7	3.9	2736.9	1818.2	15.7	25.1	20289.0	5954.9		625.3	259.6	1431.0	7.4	3094.4

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	224	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1
GROUT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.4	0.0	0.1	0.1	0.1	0.0		0.0	0.1	0.3	0.0	0.0
LEAK	92.0	0.0	14.1	5.4	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	132.5	68.0	6.0	38.0	0.9	0.4		0.0	0.0	0.6	0.6	0.1
PCOND																								
R202S													364.5	236.3	4.5	15.3								
RCOND																								
SRR	0.0	0.0	0.2	0.0	0.0	1.8		3.8	0.8	2.0	0.3						440.9	146.8		9.7	4.9	51.9		86.7
TFeCN	41.9		313.8	152.0	6.5	413.3		5349.3	1142.8		576.7										102.0			
UNK	0.0		0.5	0.3	0.1	13.3		25.8	2.4		0.0						2753.5	1160.8		145.7	19.7	186.8		461.6
UR	22823.5	12048.5	165.7	656.7	7.5			1007.3	787.8	106.8														
VENT																								
A1COND																								
A2COND																								
BCOND																								
BYCOND																								
S1COND																								
S2COND																								
T1COND																								
T2COND																								
A1-in	21.4	6.6	166.7	629.4	0.2	181.8	81.7	2230.3	240.1	493.1	267.4	67.5	6085.8	852.4	1314.1	960.2	3485.7	1942.4		383.5	2702.2	10849.5	321.0	776.4
A2-in																								
B-in			23872.7	9449.4	1112.5	1317.3		9560.0																
BY-in	4.7	1.1	235.7	52.5	0.4	44.6	3.3	1187.4	444.8	2152.9	1527.0	0.8	18.9	8.8	10.9	13.3	1952.2	1546.0		75.4	8071.9	28008.0	3.9	975.8
S1-in	154.3	45.7	708.0	3125.3	0.6	1830.5	338.4	10549.2	1282.8	943.5	676.1	541.4	189954.1	9695.0	24305.1	8555.9	10884.4	5759.5		1780.6	5583.4	28012.5	2475.0	2269.9
S2-in	84.1	21.9	375.3	1764.6	0.3	515.8	347.4	5150.9	586.0	485.3	334.9	231.6	23425.6	3075.8	4949.8	3246.9	4821.1	2568.6		672.6	2615.9	12686.5	1097.9	1029.6
T1-in	1434.8		20847.2	10846.9	962.5			9005.8				160.5												
T2-in	613.1	294.7	2813.3	19138.2	2.2	5259.5	2.2	57788.1	8049.4	3451.0	2500.0	3608.1	86582.6	27489.5	39863.7	49900.5	66816.5	33258.9		1249.0	16559.5	104431.9	16035.0	12292.2
STATLOSS																								
B-bot	6.7		1848.1	1143.9	76.5	384.3		4481.8	172.2															
BY-bot	1.6	0.5	73.9	38.0	0.2	19.8	5.5	513.2	145.4	711.0	417.5	2.4	123.9	29.7	38.5	37.1	579.8	712.4		159.8	3714.8	13313.3	11.1	385.9
S1-bot																								
S2-bot																								
T1-bot	319.3		1846.8	2246.0	78.7			6473.1				1033.4												
T2-bot																								
A1-bot																								
R-bot	0.0	0.0	0.7	0.6	0.0	0.1		5.7	1.8	6.2	6.2	0.1	8534.6	6712.3	460.1	435.3	7.6	3.7		1.8	30.4	243.6	0.5	3.9
swpump	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0

WSTRS3.45b	OWW2	OWW3	Z	HS	TH1	TH2	AR	B	BL	SRR	SRR'	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B'	B-SltCk	BL'	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk
A-101	24.9	52.4	37.1	8.8	2.5	5.6	93.8	33.0	217.7	163.3		426.3			14.7		127.3	44.2		13.5		79.2		70.5		
A-102	0.4	1.0	0.7	0.2	0.0	0.1	2.0	0.6	4.2	3.4		8.0			0.3		2.3	0.8		0.3		1.4		1.3		
A-103	9.1	20.7	13.8	3.6	1.0	2.2	40.6	13.2	86.9	69.7		165.3			5.5		47.4	16.6		5.3		29.4		26.3		
A-104																										
A-105	0.0	0.0						0.0	0.0			0.0					0.0			0.0						
A-106	3.6	5.8	4.8	0.9	0.3	0.6	5.5	3.0	21.8	12.0		50.8			2.3		16.5	5.5		1.4		10.7		9.9		
AX-101	19.0	43.0	28.8	7.3	2.0	4.6	85.0	25.3	178.8	142.2		342.8			11.5		99.3	34.7		11.0		61.5		55.0		
AX-102	1.4	2.3	1.8	0.4	0.1	0.2	2.5	2.7	8.8	5.3		19.8			0.9		6.3	2.1		0.6		4.0		3.7		
AX-103	2.7	5.3	3.7	0.9	0.2	0.6	8.1	2.5	28.2	15.5		43.4			1.6		12.6	4.2		1.3		8.1		7.0		
AX-104																										
B-101																										
B-102	0.0	0.2		0.0	0.0	0.0	0.0	0.0	0.0			0.3					0.0	0.0		0.4		0.0		0.0		
B-103	0.0	0.1		0.0	0.0	0.0	0.0	0.0	0.1			0.3					0.0	0.0		0.2		0.0		0.0		
B-104																				5.2						
B-105	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0			0.0					0.0	0.0		0.0		0.0		0.0		
B-106	0.0	0.1		0.0	0.0	0.0	0.0	0.0	0.0			0.1					0.0	0.0		0.3		0.0		0.0		
B-107																				0.0						
B-108	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0			0.0					0.0	0.0		0.0		0.0		0.0		
B-109																										
B-110																										
B-111	0.0	0.0		0.0	0.0			0.0	0.0			0.0					0.0			0.0						
B-112	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0			0.0					0.0	0.0		0.0		0.0		0.0		
B-201																										
B-202								7.2									21.3									
B-203																	0.0									
B-204																	0.9									
BX-101																										
BX-102	0.0	3.8		1.0	0.0			1.7	0.2			2.3					0.0			0.0						
BX-103	0.0	0.1		0.0	0.0	0.0	0.2	0.0	0.2	0.1		1.1					0.0	0.0		0.0		0.0		0.0		
BX-104	1.6	3.8	3.8	0.5	0.2	0.4	4.6	0.9	15.0	8.4		35.7			1.3		12.7	4.5		1.1		7.8		7.0		
BX-105	0.1	0.3	0.3	0.0	0.0	0.0	0.4	0.1	1.1	0.7		2.6			0.1		0.9	0.3		0.1		0.5		0.5		
BX-106	0.1	0.4		0.1	0.0	0.0	0.8	0.1	0.6	0.4		0.6					0.0	0.0		0.1		0.0		0.0		
BX-107	0.0			0.0	0.0							0.7					0.0			0.0						
BX-108																										
BX-109												0.0														
BX-110	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0			0.0					0.0	0.0		0.0		0.0		0.0		
BX-111	0.0	0.2		0.0	0.0	0.0	0.1	0.0	0.1	0.1		0.3					0.0	0.0		0.0		0.0		0.0		
BX-112	0.0	0.0		0.0	0.0	0.0	0.1	0.0	0.1	0.1		0.1					0.0	0.0		0.0		0.0		0.0		
BY-101																										
BY-102	0.1	0.2		0.0	0.0	0.0	0.9	0.1	0.7	1.1		0.9					0.0	0.0		0.0		0.0		0.0		
BY-103																										
BY-104																										
BY-105																										
BY-106																										
BY-107	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0			0.0					0.0	0.0		0.0		0.0		0.0		

WSTRS3.45b	OWW2	OWW3	Z	HS	TH1	TH2	AR	B	BL	SRR	SRR'	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B'	B-SltCk	BL'	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk
BY-108	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0			0.0					0.0	0.0		0.0		0.0		0.0		
BY-109																										
BY-110	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0			0.0		0.0	0.0		0.0		0.0		0.0		
BY-111																										
BY-112	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0			0.0					0.0	0.0		0.0		0.0		0.0		
C-101																										
C-102	0.0	0.0		0.0	0.0			0.0				0.0					0.0			0.0						
C-103	0.3	2.8	0.0	2.2	0.1	0.1	3.9	0.4	4.5	37.0		9.2			0.0		0.5	0.8		0.2		0.1		0.0		
C-104	0.1	0.2	0.2	0.1	0.0	0.0	0.2	0.1	0.8	0.8		1.7			0.1		0.5	0.2		0.0		0.3		0.3		
C-105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0			0.0		0.0	0.0		0.0		0.0		0.0		
C-106	0.0	0.0		0.0	0.0		0.0	0.0	5.0			0.0					0.0			0.0						
C-107										1.1																
C-108																										
C-109																										
C-110	0.0	0.0		0.0	0.0	0.0		0.0	0.0			0.0					0.0			0.0						
C-111				0.0																						
C-112	0.0	0.0		0.0	0.0	0.0		0.0	0.0			0.0					0.0			0.0						
C-201																										
C-202																										
C-203				0.9																						
C-204				38.5																						
S-101	5.6	16.2	13.4	2.5	0.7	1.7	3.8	2.5	52.8	16.5		160.3			6.0		49.6	20.7		5.0		30.7		32.4		
S-102	14.1	36.4	35.4	4.7	1.6	3.9	11.3	5.8	115.5	39.1		336.7			68.4		118.8	39.3		9.1		78.1		70.7		
S-103	9.5	24.2	24.9	3.0	1.0	2.6	6.8	3.8	75.1	25.1		215.2			34.4		78.5	24.3		6.1		52.8		42.9		
S-104																								0.6		
S-105	8.7	15.3	0.6	1.9	0.4	1.8	0.1	1.8	41.1	3.4		222.8					76.8	32.2		0.6		46.1		54.1		
S-106	8.1	18.0	0.5	2.1	0.5	1.7	0.7	2.1	82.9	4.0		323.5					92.1	50.9		0.7		42.2		129.4		
S-107	2.9	6.8	6.8	1.0	0.3	0.7	9.1	1.6	27.5	16.1		62.8			2.2		22.6	7.9		2.0		13.7		11.8		
S-108	11.2	20.8	0.8	2.6	0.6	2.3	0.2	2.6	65.8	5.3		349.6					113.5	58.5		0.8		60.0		80.8		
S-109	10.7	21.8	0.7	2.6	0.6	2.3	0.2	2.6	75.1	5.0		365.7					116.0	64.7		0.8		57.1		79.4		
S-110	5.3	21.1	6.4	2.6	1.0	2.2	1.8	2.9	70.8	12.8		235.6					53.2	25.3		7.4		27.1		62.3		
S-111	10.8	28.4	8.3	4.1	1.0	2.8	4.9	3.8	117.0	17.7		415.6					117.0	62.7		6.2		56.4		136.0		
S-112	11.8	22.3	0.9	2.9	0.6	2.4	0.2	2.7	70.3	5.8		372.4					119.9	62.3		1.0		63.2		85.7		
SX-101	2.2	5.6	5.2	0.7	0.2	0.6	1.6	0.9	18.1	5.9		53.4			2.7		18.5	6.4		1.4		11.9		11.6		
SX-102	19.7	58.3	51.3	8.5	2.7	6.2	16.2	9.4	187.6	63.3		542.9			0.1		171.2	64.4		22.2		108.6		94.5		
SX-103	23.4	60.2	66.2	7.7	2.7	6.5	19.6	9.9	196.5	73.4		509.8			1.5		193.1	57.0		16.0		131.9		90.9		
SX-104	15.4	44.4	38.1	6.9	2.0	4.7	11.1	6.9	152.4	49.2		433.1			5.5		136.0	56.8		14.1		84.3		83.1		
SX-105	21.4	64.7	51.6	10.8	3.0	6.8	15.9	10.0	228.3	72.6		659.8			4.8		198.0	90.0		21.7		116.7		123.3		
SX-106	19.3	49.3	51.2	6.1	2.1	5.3	13.8	7.8	152.3	51.0		435.0			73.8		159.7	48.7		12.4		107.9		86.3		
SX-107																								42.4		
SX-108																								131.9		
SX-109																								38.8		
SX-110																										
SX-111	0.0	0.2		0.0	0.0	0.0		0.0	0.2			5.5					0.0			0.0		0.0		0.3		
SX-112																								12.8		

WSTRS3.45b	OWW2	OWW3	Z	HS	TH1	TH2	AR	B	BL	SRR	SRR'	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B'	B-SltCk	BL'	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk
SX-113																										
SX-114	0.0	0.3		0.0	0.0	0.0		0.0	3.5			27.2					0.0			0.0		0.0		4.2		
SX-115																										
U-101																										
U-102	15.6	36.9	39.7	4.4	1.6	3.8	10.9	5.7	109.5	41.4		283.9			14.3		118.0	30.9		9.0		82.2		50.7		
U-103	17.9	45.3	52.6	5.6	2.0	4.9	11.6	7.2	137.5	51.4		363.3			17.9		142.9	39.5		11.2		101.9		65.3		
U-104	15.8	17.6		0.2	0.3			0.1				0.0					62.4			0.2		37.2		3.0		
U-105	17.0	43.9	49.9	5.6	1.9	4.8	12.0	7.1	138.5	52.0		358.6			2.6		137.7	39.6		11.6		96.6		63.8		
U-106	6.4	21.9	16.1	3.8	1.1	2.3	6.1	3.5	93.5	29.9		223.1					61.8	30.0		9.7		34.5		38.5		
U-107	12.3	31.5	32.6	4.0	1.4	3.4	9.0	5.0	97.8	33.0		278.9			39.3		101.8	31.4		8.1		68.6		55.1		
U-108	13.5	44.2	28.6	8.4	2.1	4.6	12.5	6.8	163.2	51.4		483.9					155.6	80.0		16.6		71.4		89.5		
U-109	15.9	47.0	31.6	9.0	2.2	4.8	14.0	7.2	191.1	62.9		508.8					136.4	71.7		17.1		78.4		94.7		
U-110																										
U-111	7.4	18.8	18.7	2.4	0.8	2.0	6.0	3.0	59.8	20.7		171.3			13.8		61.9	20.0		4.6		40.9		35.6		
U-112																										
U-201																										
U-202																										
U-203																										
U-204																										
T-101	0.9	1.7	3.0	0.1	0.1	0.2	0.3	0.3	7.1	2.0		16.5					5.8	0.0		0.1		5.7		1.4		
T-102																										
T-103	0.0	0.0		0.0	0.0	0.0		0.0	0.2			0.5					0.0			0.0		0.0		0.0		
T-104	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.5	0.2		1.1					0.3	0.2		0.0		0.2		0.2		
T-105																										
T-106																										
T-107																										
T-108																										
T-109																										
T-110																										
T-111																										
T-112																										
T-201																										
T-202																										
T-203																										
T-204																										
TX-101	0.2	0.5	0.5	0.1	0.0	0.1	0.2	0.1	1.8	0.6		5.4			0.2		1.9	0.7		0.1		1.2		1.2		
TX-102	11.1	21.8	35.1	1.1	0.8	2.5	4.0	3.6	37.8	29.3		93.1					73.2	0.2		1.2		68.0		14.3		
TX-103	4.4	8.8	15.3	0.4	0.3	1.0	0.6	1.3	19.1	5.0		43.9					30.5	0.3		0.5		26.8		6.1		
TX-104	2.3	4.4	8.5	0.2	0.2	0.5	0.9	0.7	11.1	6.9		18.7					14.8	0.1		0.2		13.7		2.9		
TX-105	34.6	70.2	84.8	3.5	2.7	8.2	0.7	10.8	103.7	5.5		305.8					235.9	0.3		4.0		216.8		45.1		
TX-106	17.3	34.1	59.9	1.7	1.3	4.0	3.1	5.3	69.7	24.7		144.1					114.5	0.4		1.9		105.7		22.6		
TX-107	0.3	0.5	1.0	0.0	0.0	0.1	0.1	0.1	1.2	0.8		2.1					1.7	0.0		0.0		1.5		0.3		
TX-108	5.3	10.5	14.7	0.5	0.4	1.3	0.2	1.6	18.2	2.2		44.3					35.4	0.1		0.6		32.9		6.9		
TX-109	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0					0.0	0.0		0.0		0.0		0.0		
TX-110	22.3	44.3	73.6	2.2	1.7	5.2	4.0	6.9	87.3	29.7		188.0					148.6	0.4		2.5		137.4		29.2		

WSTRS3.45b	OWW2	OWW3	Z	HS	TH1	TH2	AR	B	BL	SRR	SRR'	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B'	B-SltCk	BL'	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk
TX-111	16.9	33.5	57.2	1.7	1.3	3.9	3.8	5.3	70.3	28.5		142.5					112.6	0.3		1.9		104.2		22.2		
TX-112	38.3	80.9	39.3	4.1	3.2	9.1	0.4	12.3	92.2	2.1		312.5					262.2	0.2		4.7		233.0		46.8		
TX-113	36.7	63.6	17.8	2.4	1.9	6.2		6.5	47.8			153.4					206.9			2.6		152.1		32.2		
TX-114	35.4	68.7	32.3	3.0	2.3	7.8		8.4	61.9			209.2					222.5			3.3		185.3		39.6		
TX-115	43.3	76.9	51.4	3.2	2.5	7.4	1.2	9.1	82.5	7.1		240.2					255.8	0.2		3.6		208.6		43.2		
TX-116	21.5	25.4		0.2	0.3			0.1				0.0					102.4			0.3		85.3		8.0		
TX-117	52.2	56.0		0.5	0.7	1.0		0.8	6.1			9.5					190.9			0.8		139.5		14.0		
TX-118	5.6	11.8	18.0	0.9	0.5	1.3	1.9	1.8	28.5	10.1		75.1			1.1		41.4	4.8		1.3		32.4		14.1		
TY-101																	0.0					0.0		0.0		
TY-102	1.7	3.4	5.3	0.2	0.1	0.4	0.1	0.5	6.3	0.8		14.3					11.3	0.0		0.2		10.5		2.3		
TY-103	2.4	4.8	3.4	0.2	0.2	0.6		0.7	6.1			19.9					16.4			0.2		15.5		3.0		
TY-104																										
TY-105																										
TY-106																										
AN-101	5.6	13.6	7.5	1.9	0.5	1.5	7.8	9.1	50.8	12.6		175.7			0.3		57.8	23.5		41.7		26.4		36.4		
AN-102	40.0	84.6	86.3	13.3	3.8	8.6	139.8	57.1	494.5	242.4		982.0			22.3		281.0	89.1		19.9		134.4		113.0		
AN-103	27.5	83.0	162.3	9.7	3.4	7.7	50.9	21.2	741.8	99.6		402.7			10.7		406.7	97.1		27.1		106.1		72.8		
AN-104	25.5	53.4	95.5	6.8	2.2	5.4	63.4	22.5	509.5	132.3		374.5			15.9		328.1	50.0		10.1		101.6		65.2		
AN-105	58.1	113.1	357.1	12.1	4.4	10.9	102.2	56.1	1079.6	200.3		676.2			28.8		961.6	87.4		17.5		236.4		120.2		
AN-106	0.6	1.1	1.3	0.2	0.0	0.1	1.0	0.6	4.9	2.1		8.8			0.4		4.3	17.6		0.2		2.0		1.7		
AN-107	25.6	59.1	67.9	9.9	2.8	6.3	135.3	46.3	337.0	222.0		362.1			12.3		252.6	26.2		11.9		75.3		44.7		
AP-101	0.9	3.2	13.5	0.4	0.1	0.3	2.2	0.9	75.1	4.4		17.8			0.9		29.7	2.7		1.2		3.8		2.9		
AP-102	23.9	39.0	46.7	5.6	1.7	4.1	36.5	20.8	182.4	79.2		326.6			14.7		159.3	703.9		8.9		73.6		62.9		
AP-103	0.2	0.7	68.1	0.1	0.0	0.1	0.6	0.2	371.9	1.2		4.3			0.2		221.3	0.6		0.3		1.0		0.7		
AP-104																		15.6								
AP-105	9.6	32.3	140.1	4.3	1.5	3.2	22.5	8.8	768.3	45.3		179.9			8.9		310.2	27.2		12.4		39.2		29.2		
AP-106	3.5	11.6	71.7	1.5	0.5	1.2	8.1	3.2	519.2	16.4		64.8			3.3		182.0	9.9		4.4		14.3		10.6		
AP-107																										
AP-108	0.0	0.1	8.1	0.0	0.0	0.0	0.1	0.0	457.6	0.2		0.8			0.0		90.9	0.1		0.0		0.2		0.1		
AW-101	28.5	105.1	304.4	13.3	4.6	10.2	64.8	26.9	961.9	126.9		474.5			13.1		579.4	91.5		39.9		110.1		78.7		
AW-102	7.2	23.4	90.6	3.2	1.0	2.4	15.1	6.0	513.2	32.7		143.4			5.7		204.4	20.9		8.6		31.3		25.7		
AW-103	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0		0.1			0.0		0.1	0.0		0.0		0.0		0.0		
AW-104	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.1		0.2			0.0		0.2	0.0		0.0		0.0		0.0		
AW-105	3.3	11.2	50.9	1.5	0.5	1.1	7.9	3.1	221.0	15.8		57.2			2.1		99.9	9.7		4.1		13.0		9.5		
AW-106	7.9	25.5	102.9	3.4	1.1	2.6	16.8	6.7	647.8	34.7		153.0			7.8		232.7	22.7		9.4		34.5		33.0		
AY-101	1.9	7.8	6.4	1.1	0.4	0.8	7.5	4.6	42.6	153.9		369.5			0.9		19.6	3.6		6.4		7.5		13.4		
AY-102	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	260.8	0.1		0.2			0.0		79.8	0.0		0.0		0.0		0.0		
AZ-101	1.2	2.5	2.2	0.4	0.1	0.3	4.0	1.6	20.8	7.1		20.8			0.8		7.2	2.2		0.6		4.2		3.6		
AZ-102	0.0	0.1	2.2	0.0	0.0	0.0	0.2	0.0	25.4	0.2		0.6			0.0		2.5	0.2		0.0		0.2		0.1		
SY-101	51.0	134.6	134.8	18.5	6.0	14.4	65.2	23.6	450.9	181.6		1201.1			114.8		423.7	142.1		40.4		276.4		219.1		
SY-102	0.0	0.0	100.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0		0.1			0.0		317.0	0.0		0.0		0.0		0.0		
SY-103	25.5	64.2	61.9	8.7	2.8	6.9	39.6	14.8	216.9	96.3		568.2			63.3		200.4	65.1		16.9		130.5		109.0		
COND																										
CRIB																	280.6					417.3				
CSR	7962.0	552.2	0.0	3.4	11.3	0.4	4100.8	5435.2	586.7	68.4		892.9			0.0		697.2	0.2		124.9		228.6		2589.9		

WSTRS3.45b	OWW2	OWW3	Z	HS	TH1	TH2	AR	B	BL	SRR	SRR'	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B'	B-SltCk	BL'	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk
GROUT	0.0	0.1	0.5	0.0	0.0	0.0	0.1	0.0	2.6	0.2		0.7			0.0		1.2	726.0		0.0		0.1		0.1		
LEAK	0.4	0.0		0.0	0.0	0.0		0.0	20.2			67.3					7.5			0.0		0.5		19.0		
PCOND																										
R202S																								271.5		
RCOND																										
SRR	263.3	20.9		0.1	0.7		94.6	260.7	1.1	35.6		62.8					12.8			2.5						
TFeCN																	7.5			2290.7						
UNK	1685.7	154.0					159.1	4715.3	1.2	42.0		58.1					95.2			18.2						
UR																	108.2									
VENT																										
A1COND																										
A2COND																										
BCOND																										
BYCOND																										
S1COND																										
S2COND																										
T1COND																										
T2COND																										
A1-in	1575.4	3956.2	1551.8	634.1	215.5	457.4	12217.4	2533.5	13236.4	15709.1		21710.6			433.4		4470.2	1207.6		846.6		2966.9		1897.1		
A2-in																										
B-in																										
BY-in	91.8	4772.8		815.0	930.6	375.8	11.1	392.9	331.9			4879.2					536.4	115.4		1107.6		29.1		7.1		
S1-in	4138.7	10160.8	3417.9	1529.5	393.8	1059.4	2421.5	1481.7	36575.0	8067.3		135272.5					40143.5	21821.3		2083.1		21185.4		36474.7		
S2-in	1818.0	4587.4	5107.3	563.4	198.1	496.3	1312.9	739.1	14291.4	5218.1		38360.6			1319.3		14748.5	4219.1		1140.4		10265.5		7247.5		
T1-in																				426.0		70.0				
T2-in	30170.6	43135.1	25279.4	1650.2	1380.7	3761.2	355.2	4874.0	36287.3	2988.1		117057.8					160496.3	69.5		2030.2		134319.8		23672.0		
STATLOSS																										
B-bot																	23.7									
BY-bot	54.0	4741.4	1.3	658.4	303.6	632.2	21.0	471.5	604.1	4.4		6796.7					491.7	325.5		701.9		82.9		45.8		
S1-bot																										
S2-bot																										
T1-bot																										
T2-bot																										
A1-bot																										
R-bot	0.2	180.9		3.2	2.1	6.9		4.9	69.5			359.8					3.3			3.5		9.2		88.7		
swpump	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0			0.0					0.0	0.0		0.0		0.0		0.0		

WSTRS3.45b	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in	S2-SltSlr	A1 in	A1-SltCk	A2 in	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF	WTR	GAS	SWLIQ	UNK	assume
A-101		317.4															1266.0	5.1		188.3	928.4
A-102		7.1															23.3	0.1		29.3	19.2
A-103		146.1															497.2	2.0		69.5	366.9
A-104																				0.0	
A-105																	0.0			0.0	0.0
A-106		19.4															150.8	0.0		19.4	76.6
AX-101		300.2															1003.9	4.4		137.5	735.5
AX-102		9.6															60.8	0.0		7.3	33.0
AX-103		33.3															160.5	0.0		17.8	97.8
AX-104																				0.0	
B-101																				0.0	
B-102		0.1															0.2			5.9	0.6
B-103																	0.2			0.3	0.3
B-104																	0.8			2.0	5.2
B-105																	0.0			0.0	0.0
B-106																	0.6			0.3	0.5
B-107																	0.1			0.7	0.0
B-108																	0.0			0.0	0.0
B-109		35.2																		4.0	35.2
B-110		0.0																		0.0	0.0
B-111		1.0															0.0			0.0	1.0
B-112		2.3															0.0			0.7	2.3
B-201																				1.0	
B-202																				5.7	24.9
B-203																				1.0	0.0
B-204																				2.0	
BX-101		0.8																		0.3	0.8
BX-102																	0.5			0.4	0.3
BX-103		1.6															0.9			0.2	3.0
BX-104		0.5															75.8	1.0		11.2	56.3
BX-105		0.7															6.3	0.1		1.3	5.0
BX-106		7.0															3.3			3.5	12.1
BX-107																	0.0			0.1	0.0
BX-108																				0.0	
BX-109																	0.0			0.0	0.0
BX-110		0.0															0.0			1.0	0.0
BX-111		0.9															0.8			17.1	2.0
BX-112		0.7															0.4			0.2	0.9
BY-101																					
BY-102		6.8															3.1			2.3	9.3
BY-103		0.0																		0.0	0.0
BY-104																				0.0	
BY-105		0.0																		0.0	0.0
BY-106																				0.0	
BY-107		0.0															0.0			0.0	0.0

WSTRS3.45b	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in	S2-SltSlr	A1 in	A1-SltCk	A2 in	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF	WTR	GAS	SWLIQ	UNK	assume
BY-108		0.0															0.0			0.0	0.0
BY-109																					
BY-110		0.0															0.0			0.0	0.0
BY-111																					
BY-112		0.0															0.0			0.0	0.0
C-101																				0.0	
C-102		0.0															0.0			0.0	0.0
C-103		18.2															54.8			23.4	103.9
C-104		0.9															5.5			1.8	3.8
C-105		0.0															0.0			0.0	0.0
C-106																	0.0			27.0	4.9
C-107																					1.1
C-108																				0.0	
C-109																				6.0	
C-110																	0.0			0.0	0.0
C-111																	0.0			0.0	0.0
C-112																	0.0			0.0	0.0
C-201																				2.0	
C-202																					
C-203																				4.3	0.9
C-204																				22.7	38.5
S-101		1.3															340.7	0.0		46.8	210.7
S-102		2.7															734.2	0.1		99.6	395.0
S-103		2.2															504.7	0.3		76.3	234.4
S-104																	0.0			1.1	0.6
S-105																	375.3			79.2	399.0
S-106																	652.8			96.9	437.3
S-107		0.7															124.9	2.4		46.5	91.9
S-108																	646.7			112.6	477.6
S-109																	745.6			98.9	483.0
S-110		0.4															355.3			42.6	276.7
S-111		2.7															778.4			95.0	453.9
S-112																	686.7			114.0	504.1
SX-101		0.4															129.2			78.5	128.8
SX-102		13.9															809.9			133.6	430.4
SX-103		6.1															828.9			119.1	538.5
SX-104		4.7															806.4			116.8	435.3
SX-105		5.7															1167.8			155.7	617.1
SX-106		4.5															1070.6	0.5		156.4	525.2
SX-107																	50.5			0.0	67.8
SX-108																	24.0			8.2	153.9
SX-109																	7.4			2.9	45.7
SX-110																	30.0				30.0
SX-111																	0.4			0.2	0.5
SX-112																	27.6			26.3	17.3

WSTRS3.45b	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in	S2-SltSlr	A1 in	A1-SltCk	A2 in	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF	WTR	GAS	SWLIQ	UNK	assume
SX-113																	32.9			28.1	3.3
SX-114																	15.8			0.7	13.7
SX-115																				0.0	
U-101																				3.0	
U-102		3.3															490.0			73.5	329.3
U-103		3.5															604.2			132.0	389.6
U-104																	38.8			25.5	85.1
U-105		4.4															582.3			100.7	374.0
U-106		6.0															354.0			62.6	198.0
U-107		3.0															638.6	0.4		114.5	309.0
U-108		3.9															796.6			132.6	361.2
U-109		1.5															817.5			136.1	395.6
U-110																				0.0	
U-111		1.5															398.1	0.1		69.1	283.0
U-112																				4.0	
U-201																	0.0			1.0	0.0
U-202																				1.0	
U-203																	0.8			0.5	0.4
U-204																				1.0	
T-101																	13.6			35.1	23.2
T-102																				13.0	
T-103																	0.2			8.1	0.2
T-104																	1.8			1.7	1.0
T-105																				0.0	
T-106																				7.0	
T-107																				9.0	
T-108																				0.0	
T-109																					
T-110																	0.9			0.7	
T-111																	0.2			2.2	0.7
T-112																				8.0	
T-201																				1.0	
T-202																				0.0	
T-203																					
T-204																				0.0	
TX-101		0.0															12.7			2.3	10.1
TX-102																	121.2			23.6	211.5
TX-103																	64.9			55.6	139.5
TX-104																	25.6			27.8	47.4
TX-105																	354.1			79.9	585.0
TX-106																	192.8			38.7	334.4
TX-107																	2.9			27.2	5.4
TX-108																	55.0			46.5	102.3
TX-109																	0.0			0.0	0.0
TX-110																	244.2			71.4	410.6

WSTRS3.45b	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in	S2-SltSlr	A1 in	A1-SltCk	A2 in	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF	WTR	GAS	SWLIQ	UNK	assume
TX-111																	186.3			41.3	320.3
TX-112																	314.2			94.1	595.0
TX-113																	183.5			68.7	407.0
TX-114																	228.1			59.7	467.7
TX-115																	295.0			75.7	549.5
TX-116																	76.9			23.9	170.0
TX-117																	144.0			41.0	306.2
TX-118		0.2															168.5			67.4	215.3
TY-101																	0.0			0.0	0.0
TY-102																	18.5			8.0	30.4
TY-103																	20.6			21.7	37.6
TY-104																				6.0	
TY-105																				7.6	
TY-106																					
AN-101		46.1									0.0	47.6	22.6				610.6	0.1	0.4	271.0	437.5
AN-102		502.3									0.5	161.4	4.5				2393.5	2.6		365.2	1554.2
AN-103		242.0									1.3	956.5	498.0				2705.4	6.0	20.6	402.4	1804.5
AN-104		293.3									1.0	656.5	217.3				2003.7	5.0		338.8	1496.7
AN-105		560.9									2.4	766.3	42.3				3933.9	13.0		711.0	3484.0
AN-106		3.7									0.0	0.1	0.1				37.7	0.0		6.2	17.5
AN-107		662.4									0.5	71.4	1.1				1555.7			295.6	1551.2
AP-101		8.8									0.0	129.0	70.6			993.7	491.8	0.0	0.7	38.8	93.6
AP-102		135.4									0.1	4.5	3.3			5.0	1475.4	0.1		212.8	647.4
AP-103		2.2									25.4	32.0	15.4			41.0	619.2	0.0	0.1	10.2	471.7
AP-104																	5.1			6.9	
AP-105		89.5									0.2	1512.5	797.0			643.1	4280.4	0.4	7.0	266.5	1475.5
AP-106		32.3									2.5	549.7	283.0			281.4	2052.2	0.1	2.5	98.2	638.7
AP-107																1115.0	18.0			22.0	
AP-108		0.4									14.4	96.0	1.8			112.6	423.4	0.0	0.0	32.0	295.4
AW-101		294.9									1.0	2261.2	1137.8				4101.7	29.0	33.4	431.0	2401.8
AW-102		56.3									0.1	1132.1	542.2			424.5	3032.1	0.4	218.9	241.3	989.4
AW-103		0.0									0.0	10.3	220.5				71.2	0.0	0.0	26.2	7.6
AW-104		0.1									0.0	934.5	0.3				57.4	0.0	0.0	69.3	43.6
AW-105		34.0									0.1	543.7	514.0			80.9	1363.2	0.2	2.9	90.8	422.2
AW-106		68.3									0.2	1227.5	597.3			528.5	3491.7	0.2	143.5	272.4	1118.1
AY-101		36.1									0.0	21.6	0.6				512.4	0.0	15.0	98.7	149.9
AY-102		0.1									4.2	1.1	0.5			0.7	359.0	0.0	0.0	5.5	19.9
AZ-101		12.4									663.4	10.8	0.0				1560.8	0.1		72.3	928.9
AZ-102		0.8									378.4	12.1	0.0				1615.2	0.0		8.8	176.6
SY-101		17.4															2221.5	9.0		405.0	1801.3
SY-102		0.1									0.0	0.3	0.0				347.6	0.0		60.1	825.0
SY-103		66.8															1490.4			247.5	959.6
COND																					
CRIB																	31929.2			872.4	40743.4
CSR		41.9															13263.8			2136.5	13240.3

WSTRS3.45b	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in	S2-SltSlr	A1 in	A1-SltCk	A2 in	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF	WTR	GAS	SWLIQ	UNK	assume
GROUT		0.3									0.0	4.5	2.7			0.5	271.8	0.0	0.0	46.9	4.1
LEAK																	63.0			11.1	91.7
PCOND																					
R202S																	283.3			6.6	410.3
RCOND																					
SRR																	438.7			77.1	592.1
TFeCN																	1176.3			296.7	5310.4
UNK																	2212.4			156.2	6587.1
UR																	33345.6			642.7	56049.2
VENT																					
A1COND																					
A2COND																					
BCOND																					
BYCOND																					
S1COND																					
S2COND																					
T1COND																					
T2COND																					
A1-in		55869.2															81414.9	41.0		10183.3	165565.0
A2-in																	20.1				0.0
B-in																	429.5			903.3	26247.7
BY-in		1683.0															5888.2			3228.3	-866.1
S1-in		718.7															306345.1			32323.2	424759.8
S2-in		414.8				41.0											82868.5	1.7		10650.0	69776.9
T1-in																	3245.5			593.5	39354.5
T2-in																	174025.2			38434.6	559510.9
STATLOSS																					
B-bot																	198.8			188.2	3393.0
BY-bot																	3462.9			1884.1	3795.1
S1-bot																					
S2-bot																					
T1-bot																	1017.7			185.9	9508.7
T2-bot																					
A1-bot																					
R-bot																	2981.8			491.4	1484.0
swpump		7.6															0.0			2.4	7.6

WSTRS3.45b	smmVol	supVol	tlmVol	tankVol	traffic	assum trf.	Max. TOC wt%	date of Max. TOC	TOC wt% now	Max. Haz. Index	Haz. Ind. Now
A-101	3895.2	950.0	3	953	16572	4654	5.40	1975.50	1.24	17.81	1.10
A-102	99.5	38.0	3	41	70415	57681	4.81	1976.60	0.75	14.35	1.14
A-103	1538.1	368.0	3	371	16485	4151	4.34	1976.60	1.33	12.05	1.14
A-104	0.0	0.0	28	28	18472		2.07	1962.83		2.70	
A-105	0.1	0.0	19	19	5978	642	1.40	1969.95		2.28	
A-106	436.2	75.0	50	125	36599	9052	5.30	1974.50	1.17	17.75	0.90
AX-101	3154.0	735.0	13	748	14694	4456	5.08	1976.28	1.35	17.48	1.13
AX-102	175.7	33.0	6	39	11257	4332	1.47	1978.63	1.18	7.92	0.94
AX-103	429.0	98.0	14	112	13838	4198	2.73	1976.08	1.20	10.05	1.06
AX-104	0.0	0.0	7	7	5895	929	2.18	1978.45		1.45	
B-101	0.0	0.0	113	113	8199	599	0.55	1974.60		0.98	
B-102	8.0	4.0	28	32	4153	1792	0.30	1972.20	0.09	0.66	0.36
B-103	2.0	0.0	59	59	11641	1782	0.43	1973.70		0.83	
B-104	8.0	5.0	366	371	3902	232	0.00	1974.95	0.00	0.00	0.00
B-105	0.1	0.0	158	158	6985	3241	0.61	1973.10		0.41	
B-106	1.8	1.0	116	117	17459	1600	0.11	1978.20	0.11	0.29	0.29
B-107	1.0	1.0	164	165	4254	366	0.02	1963.53	0.00	0.05	0.03
B-108	0.0	0.0	94	94	4969	2688	0.64	1973.45		0.72	
B-109	39.2	30.0	97	127	4911	2425	0.79	1980.95	0.73	0.64	0.55
B-110	0.0	0.0	246	246	8386	602	0.66	1976.28		0.55	
B-111	1.0	1.0	236	237	8555	5658	0.65	1976.20	0.65	0.77	0.55
B-112	3.0	3.0	30	33	8787	5693	0.71	1973.10	0.53	0.61	0.55
B-201	1.0	1.0	28	29	59	55	0.00	1961.46		0.02	
B-202	41.9	0.0	27	27	243	262	0.30	1980.71		0.22	
B-203	1.0	1.0	50	51	267	317	0.01	1952.53	0.00	0.02	0.01
B-204	2.9	1.0	49	50	372		0.01	1952.53	0.00	0.02	0.00
BX-101	1.0	1.0	42	43	27738	760	0.65	1976.20	0.53	0.98	0.55
BX-102	16.6	0.0	96	96	10179	3813	0.40	1969.78		1.03	
BX-103	4.7	4.0	62	66	35964	2734	0.58	1977.10	0.58	1.33	0.77
BX-104	258.9	58.0	41	99	24799	1555	2.05	1978.03	1.01	4.44	0.98
BX-105	21.0	5.0	46	51	11350	4264	1.08	1980.60	1.03	1.01	0.99
BX-106	18.7	15.0	31	46	16216	3782	0.66	1976.85	0.53	0.83	0.72
BX-107	1.1	1.0	344	345	2368		0.31	1973.21	0.30	0.65	0.65
BX-108	0.0	0.0	26	26	2714	1834	0.40	1973.96		0.70	
BX-109	0.0	0.0	193	193	7565	723	0.55	1974.96		0.61	
BX-110	1.0	0.0	198	198	3014	431	0.65	1976.20		0.60	
BX-111	20.6	0.0	211	211	3288	1682	0.95	1971.85		0.78	
BX-112	1.9	1.0	164	165	1226	334	1.06	1978.82	1.06	1.04	1.04
BY-101			387	387	9640	3513	0.67	1976.85		0.83	
BY-102	17.4	11.0	330	341	21863	9971	1.11	1978.53	0.98	1.06	1.06
BY-103	0.0	0.0	400	400	26540	1593	0.65	1976.20		2.42	
BY-104	0.0	0.0	326	326	6795	3068	0.67	1976.85		0.95	
BY-105	0.0	0.0	503	503	7401	2438	0.76	1973.10		0.67	
BY-106	0.0	0.0	642	642	10928	1587	1.33	1977.60		1.29	
BY-107	0.0	0.0	266	266	13791	1223	0.65	1976.20		0.55	

WSTRS3.45b	smmVol	supVol	tlmVol	tankVol	traffic	assum trf.	Max. TOC wt%	date of Max. TOC	TOC wt% now	Max. Haz. Index	Haz. Ind. Now
BY-108	0.0	0.0	228	228	13354	2398	0.66	1971.60		0.55	
BY-109			423	423	33308	6813	0.83	1972.60		0.92	
BY-110	0.0	0.0	398	398	12665	1842	1.53	1978.60		1.47	
BY-111			459	459	10904	1731	0.83	1978.63		1.07	
BY-112	0.0	0.0	291	291	38968	31010	1.00	1972.33		0.55	
C-101	0.0	0.0	88	88	4610	3	0.92	1972.96		1.25	
C-102	0.0	0.0	423	423	19619	1790	0.65	1976.20		1.65	
C-103	169.4	133.0	62	195	10292	1113	2.48	1975.28	1.72	6.32	4.36
C-104	16.8	5.0	290	295	25290	1484	6.68	1975.71	1.08	16.65	1.27
C-105	0.0	0.0	150	150	26291	1758	0.98	1969.28		2.40	
C-106	32.0	32.0	197	229	11045	2998	0.70	1976.08	0.09	2.23	0.98
C-107	1.1	0.0	275	275	4374	393	5.74	1984.03		18.05	
C-108	0.0	0.0	66	66	6799	2104	0.77	1966.28		2.07	
C-109	6.0	4.0	62	66	4970	1041	0.97	1970.03		2.34	
C-110	0.0	0.0	187	187	3730		0.71	1956.72		3.88	
C-111	0.0	0.0	57	57	6059	1207	1.15	1970.47		2.47	
C-112	0.0	0.0	104	104	6776	1051	0.35	1974.22		0.84	
C-201	2.0	0.0	2	2	277	57	2.54	1965.97		11.16	
C-202			1	1	265	265	2.31	1956.47		11.16	
C-203	5.2	0.0	5	5	204	202	9.56	1955.97		11.16	
C-204	61.3	0.0	3	3	255	202	3.69	1955.97		11.16	
S-101	1069.6	216.0	211	427	7039	3197	0.89	1979.07	0.73	0.65	0.65
S-102	2428.0	545.0	4	549	90240	76998	2.28	1976.81	0.67	6.37	0.65
S-103	1600.0	239.0	9	248	9191	8527	1.61	1976.82	0.87	1.45	0.66
S-104	1.7	1.0	293	294	3497	652	0.01	1974.97	0.01	0.01	0.01
S-105	1703.2	405.0	2	407	2966	2922	0.29	1974.97	0.29	0.25	0.25
S-106	2209.4	447.0	32	479	3779	3596	0.38	1975.72	0.37	0.30	0.29
S-107	476.5	122.1	254	376	18355	8772	1.19	1980.53	0.94	1.21	1.04
S-108	2480.5	497.0	5	502	3485	3490	0.36	1974.60	0.35	0.28	0.28
S-109	2541.7	494.0	13	507	2924	2937	0.37	1974.85	0.37	0.30	0.30
S-110	1303.6	277.0	113	390	12699	1668	0.61	1977.35	0.61	0.60	0.50
S-111	2660.1	460.0	78	538	4072	4144	0.56	1985.57	0.56	0.41	0.41
S-112	2622.3	517.0	6	523	2550	2548	0.36	1975.85	0.36	0.28	0.28
SX-101	451.5	146.0	310	456	7141	1417	0.67	1980.34	0.44	0.64	0.63
SX-102	3212.1	484.0	59	543	15067	5491	1.05	1978.97	1.03	0.72	0.72
SX-103	3291.6	540.0	112	652	9691	4935	1.07	1978.47	1.01	0.76	0.75
SX-104	2765.9	445.0	169	614	6276	3236	1.08	1976.85	0.92	0.72	0.69
SX-105	4026.2	628.0	55	683	11309	4470	1.07	1976.85	0.96	0.78	0.70
SX-106	3296.8	537.0	1	538	33517	10318	2.32	1976.47	0.81	7.25	0.66
SX-107	100.4	0.0	104	104	4387	737	0.02	1974.83		0.01	
SX-108	187.7	0.0	87	87	4696	742	0.02	1968.72		0.01	
SX-109	62.7	0.0	250	250	2894	668	0.02	1973.97		0.01	
SX-110	30.0	0.0	62	62	7146	505	0.37	1976.28		0.63	
SX-111	7.2	0.0	125	125	6219	991	0.69	1974.47		0.68	
SX-112	114.4	0.0	92	92	3792	606	0.01	1965.95		0.01	

WSTRS3.45b	smmVol	supVol	tlmVol	tankVol	traffic	assum trf.	Max. TOC wt%	date of Max. TOC	TOC wt% now	Max. Haz. Index	Haz. Ind. Now
SX-113	74.3	0.0	31	31	724						
SX-114	54.3	0.0	181	181	7926	881	0.59	1973.22		0.57	
SX-115	0.0	0.0	12	12	2044	279					
U-101	3.0	3.0	22	25	5260	806	0.38	1980.22		0.13	
U-102	1952.4	331.0	43	374	6989	5174	1.18	1976.04	0.95	1.82	0.73
U-103	2482.9	436.0	32	468	10152	5905	1.18	1975.60	0.92	1.34	0.72
U-104	410.0	43.0	79	122	3584	661	0.24	1978.72	0.20	0.13	0.13
U-105	2370.5	386.0	32	418	6044	4905	1.35	1975.60	1.00	1.47	0.74
U-106	1319.8	200.0	26	226	4948	2857	1.28	1976.10	1.13	1.83	0.80
U-107	2067.9	330.0	76	406	16446	4619	1.01	1978.48	0.84	0.78	0.66
U-108	2841.5	439.0	29	468	9257	4189	1.02	1977.48	0.98	0.71	0.71
U-109	2980.1	415.0	48	463	6615	3666	1.18	1976.10	1.13	0.76	0.76
U-110	0.0	0.0	186	186	4112	100					
U-111	1266.2	303.0	26	329	8525	4334	1.33	1976.10	0.64	1.23	0.66
U-112	4.0	4.0	45	49	959	964					
U-201	1.0	1.0	4	5	45						
U-202	1.0	1.0	4	5	47						
U-203	4.0	1.0	2	3	44						
U-204	1.0	1.0	2	3	13						
T-101	120.9	65.0	37	102	6240	201	0.56	1977.73	0.35	0.78	0.78
T-102	13.0	13.0	19	32	3113	2196	0.34	1972.73		0.66	
T-103	9.1	9.0	18	27	5174	1071	0.32	1973.23	0.04	0.63	0.62
T-104	8.8	3.0	442	445	3496	36	0.76	1976.60	0.57	0.85	0.85
T-105	0.0	0.0	98	98	6087	3137	1.76	1980.48		0.72	
T-106	7.0	2.0	19	21	3173	2205	0.36	1974.53		0.64	
T-107	9.0	9.0	171	180	5011	282	0.58	1976.48		0.82	
T-108	0.0	0.0	44	44	4285	3026	0.29	1974.48		0.61	
T-109			58	58	2465	1596	0.24	1973.73		0.51	
T-110	3.4	3.1	376	379	22535		0.00	1953.01	0.00	0.02	0.00
T-111	2.9	2.1	456	458	21507	21963	0.00	1953.03	0.00	0.01	0.00
T-112	8.0	7.0	60	67	28432	23894	0.75	1977.98		0.53	
T-201	1.0	1.0	28	29	55		0.01	1976.73		0.02	
T-202	0.0	0.0	21	21	97	118	0.00	1968.23		0.02	
T-203			35	35	173		0.03	1977.73		0.02	
T-204	0.0	0.0	38	38	55		0.00	1973.48		0.02	
TX-101	39.6	11.0	76	87	26338	8623	2.55	1975.53	0.52	4.42	0.60
TX-102	812.4	215.0	2	217	11755	9003	0.89	1975.60	0.88	0.90	0.89
TX-103	400.0	154.0	3	157	13066	10102	0.43	1975.35	0.37	0.56	0.56
TX-104	196.4	47.0	18	65	5457	3654	1.27	1979.23	0.94	0.98	0.96
TX-105	2421.1	601.0	8	609	9957	5136	0.37	1973.10	0.35	0.41	0.34
TX-106	1273.6	336.0	5	341	14608	10883	0.65	1976.48	0.62	0.65	0.62
TX-107	46.3	28.0	8	36	6221	2584	0.98	1975.85	0.23	1.01	0.94
TX-108	407.6	128.0	6	134	10289	8472	0.43	1976.98	0.32	0.42	0.39
TX-109	0.2	0.0	384	384	7831	1947	1.42	1982.26		1.38	
TX-110	1653.5	425.0	37	462	11824	11514	0.62	1979.73	0.61	0.60	0.60

WSTRS3.45b	smmVol	supVol	tlmVol	tankVol	traffic	assum trf.	Max. TOC wt%	date of Max. TOC	TOC wt% now	Max. Haz. Index	Haz. Ind. Now
TX-111	1256.6	327.0	43	370	10000	9416	0.69	1976.10	0.68	0.68	0.68
TX-112	2490.0	625.0	24	649	4287	3501	0.33	1975.98	0.32	0.31	0.31
TX-113	1712.0	424.0	183	607	7609	4415	0.27	1974.35	0.26	0.25	0.25
TX-114	1960.5	473.0	62	535	10814	9539	0.29	1974.79	0.28	0.27	0.27
TX-115	2321.9	560.0	8	568	10352	8111	0.34	1982.26	0.34	0.32	0.32
TX-116	675.5	172.0	391	563	6172	3454	0.09	1970.10	0.09	0.10	0.10
TX-117	1335.2	306.0	226	532	11137	5435	0.14	1971.10	0.14	0.14	0.14
TX-118	660.4	240.0	45	285	149662	123580	1.54	1975.59	0.42	1.69	0.62
TY-101	0.0	0.0	118	118	4130	552	0.00	1974.07		0.00	
TY-102	126.2	35.0	29	64	5106	4152	0.42	1975.35	0.38	0.41	0.41
TY-103	172.4	54.0	108	162	16451	4261	0.75	1968.32	0.24	1.05	0.30
TY-104	6.0	3.0	43	46	3915	1436	0.15	1974.53		0.17	
TY-105	104.8	73.0	158	231	6237		0.00	1976.99	0.00	0.00	0.00
TY-106			21	21	5052	5033	0.00	1971.49		0.00	
AN-101	1899.8	740.0		740	7076	1179	3.85	1984.04	0.28	11.80	0.45
AN-102	7409.0	1090.0		1090	3684		1.53	1994.24	1.53	1.02	1.02
AN-103	8111.4	951.0	2	953	4736	377	1.09	1986.09	1.06	0.92	0.80
AN-104	6147.9	1056.0		1056	2381		1.44	1983.99	1.08	0.97	0.96
AN-105	11702.1	1130.0		1130	2169		1.39	1985.50	1.38	0.94	0.84
AN-106	110.9	21.0		21	1067		1.00	1983.02	0.86	0.89	0.86
AN-107	4904.5	1063.0		1063	1157		1.48	1994.24	1.48	1.15	1.15
AP-101	1929.1	1060.0		1060	2710	104	0.24	1989.25	0.09	0.82	0.79
AP-102	4228.4	1103.0		1103	3088		0.66	1994.24	0.66	0.85	0.85
AP-103	1425.8	1131.0		1131	2951	99	0.19	1993.99	0.19	0.80	0.80
AP-104	27.6	18.0		18	1080						
AP-105	9602.4	820.0		820	1683		1.03	1989.15	0.86	0.83	0.83
AP-106	4359.6	1127.0		1127	2083		0.89	1988.64	0.39	0.86	0.85
AP-107	1155.0	1110.0		1110	1153						
AP-108	1240.6	1131.0		1131	1152	233	0.24	1991.88	0.23	0.93	0.93
AW-101	12396.1	1078.0	61	1139	10301	417	1.81	1981.75	1.14	1.08	0.81
AW-102	7075.8	979.0		979	101581	5075	1.81	1981.75	0.57	1.82	0.81
AW-103	329.2	283.0	363	646	5232	74	1.32	1981.99	0.00	1.12	0.07
AW-104	1063.0	1020.0	103	1123	15343	247	1.43	1985.24	0.04	1.04	0.77
AW-105	3262.9	800.0	240	1040	7099	1270	1.36	1982.49	0.35	1.06	0.80
AW-106	7991.5	1107.0	1	1108	28762	571	1.18	1983.99	0.58	1.11	0.80
AY-101	1410.8	848.0	33	881	6702	1392	1.36	1986.50	1.22	2.96	2.66
AY-102	715.1	679.1	32	711	20996	2878	1.58	1978.60	0.21	1.41	0.95
AZ-101	2435.1	931.0	29	960	6323	3654	1.64	1979.24	0.08	1.69	0.22
AZ-102	2048.6	920.0	43	963	8812	3397	1.63	1978.60	0.02	5.93	0.10
SY-101	8706.4	1100.0		1100	1806	1630	1.17	1978.38	1.14	0.83	0.78
SY-102	826.2	676.1	71	747	35493	34787	1.18	1977.31	0.00	0.90	0.01
SY-103	4605.7	744.0		744	2433	2021	1.61	1978.24	0.98	1.42	0.79
COND	616.0	616.0		616							
CRIB	121209.5	111701.0		111701							
CSR	75393.5	25638.0		25638							

WSTRS3.45b	smmVol	supVol	tlmVol	tankVol	traffic	assum trf.	Max. TOC wt%	date of Max. TOC	TOC wt% now	Max. Haz. Index	Haz. Ind. Now
GROUT	1060.0	1001.0		1001							
LEAK	548.1	428.0		428							
PCOND	57995.0	57995.0		57995							
R202S	1182.0	733.0		733							
RCOND	23261.0	23261.0		23261							
SRR	2020.8	895.0		895							
TFeCN	11869.5	11193.0		11193							
UNK	14067.7	7269.0		7269							
UR	71700.3	70690.0		70690							
VENT	1113.0	1113.0		1113							
A1COND	8272.0	8272.0		8272							
A2COND	47867.0	47867.0		47867							
BCOND	7920.0	7920.0		7920							
BYCOND	38738.0	38738.0		38738							
S1COND	41997.0	41997.0		41997							
S2COND	4631.0	4631.0		4631							
T1COND	10560.0	10560.0		10560							
T2COND	29650.0	29650.0		29650							
A1-in	267201.5	35750.0		35750							
A2-in	20.1	80.0		80							
B-in	46644.7	15574.0		15574							
BY-in	71536.8	57987.0		57987							
S1-in	975084.4	87393.0		87393							
S2-in	275697.7	26327.0		26327							
T1-in	47592.7	20393.0		20393							
T2-in	1357986.3	127010.0		127010							
STATLOSS											
B-bot	8527.3	4359.0		4359							
BY-bot	42318.7	8124.0		8124							
S1-bot											
S2-bot											
T1-bot	13200.9	6610.0		6610							
T2-bot											
A1-bot											
R-bot	20661.0	7669.0		7669							
swpump	10.0	10.0		10							

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	###	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1	OWW2	OWW3	Z	HS	TH1	TH2
A-101																	3.0													
A-102																														
A-103																														
A-104																	1.0													
A-105																		19.0												
A-106																														
AX-101																		10.0												
AX-102																				1.0										
AX-103																		14.0												
AX-104																		7.0												
B-101	3.0																													
B-102	3.0																					1.0								
B-103	3.0																													
B-104				121.0	173.0	11.0																								
B-105				12.0	16.0																									
B-106																														
B-107			164.0																											
B-108			34.0																											
B-109																						13.0								
B-110					143.0	100.0												3.0												
B-111						209.0												26.0												
B-112						14.0																								
B-201							28.0																							
B-202							27.0																							
B-203							50.0																							
B-204							49.0																							
BX-101	29.0																													
BX-102	23.0																					5.0								
BX-103	54.0																					8.0								
BX-104	41.0																													
BX-105	46.0																													
BX-106	3.0																													
BX-107			213.0	131.0																										
BX-108			13.0	13.0																										
BX-109				34.0				159.0																						
BX-110			58.0	98.0																										
BX-111				32.0																										
BX-112				132.0																										
BY-101	37.0																													
BY-102	18.0																													
BY-103																						9.0								
BY-104										150.0																				
BY-105	16.0									142.0																				
BY-106									54.0	44.0																				
BY-107				24.0				20.0	43.0	30.0																				
BY-108									133.0	32.0																				
BY-109	36.0																													

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	###	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1	OWW2	OWW3	Z	HS	TH1	TH2
BY-110				37.0					111.0	42.0																				
BY-111	26.0																													
BY-112	2.0									6.0																				
C-101	3.0							30.0													30.0	25.0								
C-102	5.0							16.0													33.0	330.0	13.0						26.0	
C-103																					37.0									
C-104	3.0															15.0		2.0		10.0	98.0	69.0	27.0			31.0				24.0
C-105								15.0													135.0									
C-106								15.0													34.0									
C-107			218.0																			37.0								
C-108			29.0					25.0			12.0																			
C-109			10.0								45.0																	7.0		
C-110			187.0																											
C-111			36.0								5.0										16.0									
C-112			15.0								72.0										13.0	3.0						1.0		
C-201	1.0																											1.0		
C-202																												1.0		
C-203	4.0																											1.0		
C-204	2.0																											1.0		
S-101													92.0		29.0															
S-102													4.0																	
S-103													9.0																	
S-104													108.0		24.0															
S-105													2.0																	
S-106															32.0															
S-107													92.0		89.0	42.0							18.0							
S-108													5.0																	
S-109															13.0															
S-110													89.0		24.0															
S-111													66.0		12.0															
S-112													3.0		3.0															
SX-101													154.0																	
SX-102													59.0																	
SX-103													10.0																	
SX-104													99.0																	
SX-105													15.0	9.0																
SX-106																														
SX-107													63.0	24.0																
SX-108													69.0	18.0																
SX-109													44.0	16.0																
SX-110														32.0																
SX-111													42.0	41.0																
SX-112													44.0	25.0																
SX-113													2.0																	
SX-114													11.0	37.0																
SX-115													6.0																	
U-101	22.0																													

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	###	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1	OWW2	OWW3	Z	HS	TH1	TH2
U-102	43.0																													
U-103	32.0																													
U-104	40.0																													
U-105	32.0																													
U-106	26.0																													
U-107															76.0															
U-108	3.0															26.0														
U-109	24.0														24.0															
U-110	24.0		162.0																											
U-111			13.0										13.0																	
U-112			32.0										7.0		6.0															
U-201															4.0															
U-202															4.0															
U-203															2.0															
U-204															2.0															
T-101	2.0															35.0														
T-102	2.0																					17.0								
T-103	1.0																					17.0								
T-104			186.0	256.0																										
T-105				26.0	72.0																									
T-106				10.0											7.0	2.0														
T-107			171.0																											
T-108			21.0																											
T-109																														
T-110					222.0	144.0	10.0																							
T-111					139.0	281.0	36.0																							
T-112						60.0																								
T-201							28.0																							
T-202							21.0																							
T-203							35.0																							
T-204							38.0																							
TX-101	3.0												70.0														3.0			
TX-102	2.0																													
TX-103																														
TX-104	18.0																													
TX-105	8.0																													
TX-106	1.0												4.0																	
TX-107	8.0																													
TX-108	2.0							4.0																						
TX-109			161.0	223.0																										
TX-110			9.0	28.0																										
TX-111				43.0																										
TX-112																														
TX-113				183.0																										
TX-114				4.0																										
TX-115								8.0																						
TX-116																														

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	###	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1	OWW2	OWW3	Z	HS	TH1	TH2
TX-117																														
TX-118																											39.0			
TY-101												72.0																		
TY-102																														
TY-103								61.0				47.0																		
TY-104								43.0																						
TY-105								158.0																						
TY-106								1.0																						
AN-101																														
AN-102																														
AN-103																														
AN-104																														
AN-105																														
AN-106																														
AN-107																														
AP-101																														
AP-102																														
AP-103																														
AP-104																														
AP-105																														
AP-106																														
AP-107																														
AP-108																														
AW-101																														
AW-102																														
AW-103																														
AW-104																														
AW-105																														
AW-106																														
AY-101																														
AY-102																														
AZ-101																														
AZ-102																											1.0			
SY-101																														
SY-102																											25.0			
SY-103																														

WSTRS3.45b	AR	B	BL	SRR	CSR in	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B in	B-SltCk	T1 in	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in	S2-SltSlr	A1 in	A1-SltCk	A2 in
A-101																													
A-102				3.0																									
A-103	3.0																												
A-104	27.0																												
A-105																													
A-106	21.0			29.0																									
AX-101				3.0																									
AX-102		5.0																											
AX-103																													
AX-104																													
B-101		5.0	20.0											85.0															
B-102														24.0															
B-103														56.0															
B-104														61.0															
B-105														130.0															
B-106														116.0															
B-107																													
B-108														60.0															
B-109														84.0															
B-110																													
B-111											1.0																		
B-112																						16.0							
B-201																													
B-202																													
B-203																													
B-204																													
BX-101			13.0																										
BX-102							68.0																						
BX-103																													
BX-104																													
BX-105																													
BX-106																						28.0							
BX-107																													
BX-108																													
BX-109																													
BX-110																						42.0							
BX-111																						179.0							
BX-112														32.0															
BY-101																						350.0							
BY-102																						312.0							
BY-103																						391.0							
BY-104																						176.0							
BY-105								8.0														337.0							
BY-106																						544.0							
BY-107																						149.0							
BY-108																						63.0							
BY-109																						387.0							

WSTRS3.45b	AR	B	BL	SRR	CSR in	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B in	B-SltCk	T1 in	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in	S2-SltSlr	A1 in	A1-SltCk	A2 in
BY-110																						208.0							
BY-111																						433.0							
BY-112																						283.0							
C-101																													
C-102																													
C-103	25.0																												
C-104				11.0																									
C-105																													
C-106	96.0		52.0																										
C-107				20.0																									
C-108																													
C-109																													
C-110																													
C-111																													
C-112																													
C-201																													
C-202																													
C-203																													
C-204																													
S-101																		90.0											
S-102																													
S-103																													
S-104																		161.0											
S-105																													
S-106																													
S-107																		13.0											
S-108																													
S-109																													
S-110																													
S-111																													
S-112																													
SX-101																		156.0											
SX-102																													
SX-103																		102.0											
SX-104																		70.0											
SX-105																		31.0											
SX-106																		1.0											
SX-107																		17.0											
SX-108																													
SX-109																		190.0											
SX-110																		30.0											
SX-111																		42.0											
SX-112																		23.0											
SX-113							29.0																						
SX-114																		133.0											
SX-115																		6.0											
U-101																													

WSTRS3.45b	AR	B	BL	SRR	CSR in	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B in	B-SltCk	T1 in	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in	S2-SltSlr	A1 in	A1-SltCk	A2 in
U-102																													
U-103																													
U-104							39.0																						
U-105																													
U-106																													
U-107																													
U-108																													
U-109																													
U-110																													
U-111																													
U-112																													
U-201																													
U-202																													
U-203																													
U-204																													
T-101																													
T-102																													
T-103																													
T-104																													
T-105																													
T-106																													
T-107																													
T-108																23.0													
T-109																58.0													
T-110																													
T-111																													
T-112																													
T-201																													
T-202																													
T-203																													
T-204																													
TX-101																													
TX-102																													
TX-103																3.0													
TX-104																													
TX-105																													
TX-106																													
TX-107																													
TX-108																													
TX-109																													
TX-110																													
TX-111																													
TX-112																24.0													
TX-113																													
TX-114																58.0													
TX-115																													
TX-116							68.0									323.0													

WSTRS3.45b	AR	B	BL	SRR	CSR in	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B in	B-SltCk	T1 in	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in	S2-SltSlr	A1 in	A1-SltCk	A2 in
TX-117							29.0									197.0													
TX-118																6.0													
TY-101																46.0													
TY-102																29.0													
TY-103																													
TY-104																													
TY-105																													
TY-106							20.0																						
AN-101																													
AN-102																													
AN-103			2.0																										
AN-104																													
AN-105																													
AN-106																													
AN-107																													
AP-101																													
AP-102																													
AP-103																													
AP-104																													
AP-105																													
AP-106																													
AP-107																													
AP-108																													
AW-101																													
AW-102																													
AW-103																													
AW-104																													
AW-105																													
AW-106			1.0																										
AY-101		13.0	5.0	8.0		7.0																							
AY-102			27.9																										
AZ-101			1.0																										
AZ-102				26.0																									
SY-101																													
SY-102											4.9															41.0			
SY-103																													

WSTRS3.45b	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF	WTR	GAS	SWLIQ	UNK	assume	tlmVol	tankVol
A-101													3.0	953
A-102													3.0	41
A-103													3.0	371
A-104													28.0	28
A-105													19.0	19
A-106													50.0	125
AX-101													13.0	748
AX-102													6.0	39
AX-103													14.0	112
AX-104													7.0	7
B-101													113.0	113
B-102													28.0	32
B-103													59.0	59
B-104													366.0	371
B-105													158.0	158
B-106													116.0	117
B-107													164.0	165
B-108													94.0	94
B-109													97.0	127
B-110													246.0	246
B-111													236.0	237
B-112													30.0	33
B-201													28.0	29
B-202													27.0	27
B-203													50.0	51
B-204													49.0	50
BX-101													42.0	43
BX-102													96.0	96
BX-103													62.0	66
BX-104													41.0	99
BX-105													46.0	51
BX-106													31.0	46
BX-107													344.0	345
BX-108													26.0	26
BX-109													193.0	193
BX-110													198.0	198
BX-111													211.0	211
BX-112													164.0	165
BY-101													387.0	387
BY-102													330.0	341
BY-103													400.0	400
BY-104													326.0	326
BY-105													503.0	503
BY-106													642.0	642
BY-107													266.0	266
BY-108													228.0	228
BY-109													423.0	423

WSTRS3.45b	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF	WTR	GAS	SWLIQ	UNK	assume	tlmVol	tankVol
BY-110													398.0	398
BY-111													459.0	459
BY-112													291.0	291
C-101													88.0	88
C-102													423.0	423
C-103													62.0	195
C-104													290.0	295
C-105													150.0	150
C-106													197.0	229
C-107													275.0	275
C-108													66.0	66
C-109													62.0	66
C-110													187.0	187
C-111													57.0	57
C-112													104.0	104
C-201													2.0	2
C-202													1.0	1
C-203													5.0	5
C-204													3.0	3
S-101													211.0	427
S-102													4.0	549
S-103													9.0	248
S-104													293.0	294
S-105													2.0	407
S-106													32.0	479
S-107													253.9	376
S-108													5.0	502
S-109													13.0	507
S-110													113.0	390
S-111													78.0	538
S-112													6.0	523
SX-101													310.0	456
SX-102													59.0	543
SX-103													112.0	652
SX-104													169.0	614
SX-105													55.0	683
SX-106													1.0	538
SX-107													104.0	104
SX-108													87.0	87
SX-109													250.0	250
SX-110													62.0	62
SX-111													125.0	125
SX-112													92.0	92
SX-113													31.0	31
SX-114													181.0	181
SX-115													12.0	12
U-101													22.0	25

WSTRS3.45b	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF	WTR	GAS	SWLIQ	UNK	assume	tlmVol	tankVol
U-102													43.0	374
U-103													32.0	468
U-104													79.0	122
U-105													32.0	418
U-106													26.0	226
U-107													76.0	406
U-108													29.0	468
U-109													48.0	463
U-110													186.0	186
U-111													26.0	329
U-112													45.0	49
U-201													4.0	5
U-202													4.0	5
U-203													2.0	3
U-204													2.0	3
T-101													37.0	102
T-102													19.0	32
T-103													18.0	27
T-104													442.0	445
T-105													98.0	98
T-106													19.0	21
T-107													171.0	180
T-108													44.0	44
T-109													58.0	58
T-110													375.9	379
T-111													455.9	458
T-112													60.0	67
T-201													28.0	29
T-202													21.0	21
T-203													35.0	35
T-204													38.0	38
TX-101													76.0	87
TX-102													2.0	217
TX-103													3.0	157
TX-104													18.0	65
TX-105													8.0	609
TX-106													5.0	341
TX-107													8.0	36
TX-108													6.0	134
TX-109													384.0	384
TX-110													37.0	462
TX-111													43.0	370
TX-112													24.0	649
TX-113													183.0	607
TX-114													62.0	535
TX-115													8.0	568
TX-116													391.0	563

WSTRS3.45b	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF	WTR	GAS	SWLIQ	UNK	assume	tlmVol	tankVol
TX-117													226.0	532
TX-118													45.0	285
TY-101													118.0	118
TY-102													29.0	64
TY-103													108.0	162
TY-104													43.0	46
TY-105													158.0	231
TY-106													21.0	21
AN-101														740
AN-102														1090
AN-103													2.0	953
AN-104														1056
AN-105														1130
AN-106														21
AN-107														1063
AP-101														1060
AP-102														1103
AP-103														1131
AP-104														18
AP-105														820
AP-106														1127
AP-107														1110
AP-108														1131
AW-101			61.0										61.0	1139
AW-102														979
AW-103				363.0									363.0	646
AW-104			98.0	5.0									103.0	1123
AW-105			25.0	215.0									240.0	1040
AW-106													1.0	1108
AY-101													33.0	881
AY-102			4.0										31.9	711
AZ-101		27.0	1.0										29.0	960
AZ-102		13.0	3.0										43.0	963
SY-101														1100
SY-102													70.9	747
SY-103														744

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	224	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1	OWW2	OWW3	Z
A-101			0.1%	0.6%		0.2%	0.1%	1.8%	0.2%	0.2%	0.2%	0.1%	9.3%	1.1%	1.7%	1.1%	2.4%	1.3%		0.3%	1.4%	5.9%	0.4%	0.5%	1.0%	2.2%	1.5%
A-102			0.1%	0.5%		0.2%	0.1%	1.7%	0.2%	0.2%	0.2%	0.1%	8.7%	1.0%	1.6%	1.0%	2.2%	1.2%		0.3%	1.4%	5.9%	0.3%	0.5%	0.9%	2.1%	1.4%
A-103			0.1%	0.5%		0.2%	0.1%	1.7%	0.2%	0.2%	0.2%	0.1%	8.7%	1.0%	1.6%	1.0%	2.2%	1.2%		0.3%	1.4%	5.9%	0.3%	0.5%	0.9%	2.1%	1.4%
A-104																											
A-105						0.2%		0.4%									41.4%	15.6%		0.7%	0.3%	3.1%		6.6%	22.4%	0.6%	
A-106			0.2%	0.7%		0.2%	0.1%	2.1%	0.2%	0.2%	0.2%	0.1%	12.1%	1.3%	2.2%	1.3%	3.2%	1.5%		0.3%	1.3%	6.0%	0.4%	0.6%	1.4%	2.2%	1.8%
AX-101			0.1%	0.5%		0.2%	0.1%	1.7%	0.2%	0.2%	0.2%	0.1%	8.8%	1.0%	1.6%	1.0%	2.3%	1.2%		0.3%	1.4%	5.9%	0.3%	0.5%	0.9%	2.1%	1.4%
AX-102			0.1%	0.6%		0.2%	0.1%	2.0%	0.2%	0.2%	0.2%	0.1%	11.3%	1.2%	2.1%	1.2%	3.0%	1.5%		0.3%	1.3%	5.9%	0.4%	0.6%	1.3%	2.1%	1.7%
AX-103			0.1%	0.6%		0.2%	0.1%	1.8%	0.2%	0.2%	0.2%	0.1%	9.2%	1.0%	1.7%	1.1%	2.5%	1.3%		0.3%	1.3%	5.8%	0.3%	0.5%	1.1%	2.1%	1.5%
AX-104																											
B-101																											
B-102			0.1%	0.1%		0.1%		0.8%	0.3%	1.3%	0.5%						0.9%	2.5%		0.1%	6.2%	28.3%		0.7%	0.1%	8.9%	
B-103			0.1%	0.1%			0.8%	1.7%	0.3%	1.2%	0.5%		0.9%	1.2%	0.5%	0.1%	0.8%	2.5%		0.2%	5.9%	24.0%		0.6%	0.1%	8.3%	
B-104																											
B-105			0.2%	0.1%				1.1%	0.3%	1.6%	0.7%		0.1%				1.0%	1.7%		0.3%	8.3%	34.7%		0.8%	0.1%	14.7%	
B-106			0.1%				10.8%	0.7%	0.3%	1.1%	0.4%						0.7%	2.1%		0.1%	5.2%	23.5%		0.6%	0.1%	7.9%	
B-107								0.1%	1.5%								5.5%	0.8%			17.7%	67.4%		1.4%			
B-108			0.1%	0.1%		0.1%		1.1%	0.3%	1.7%	0.7%		0.2%	0.1%	0.1%	0.1%	1.1%	1.9%		0.4%	9.0%	31.4%		0.8%	0.2%	12.6%	
B-109																											
B-110																											
B-111																											
B-112																											
B-201																											
B-202							21.3%																				
B-203							6.9%																				
B-204							2.9%																				
BX-101																											
BX-102								0.1%		0.1%	1.0%						0.1%				10.6%	31.2%		0.1%		24.0%	
BX-103								0.2%		0.2%	0.1%						1.0%	0.6%		0.1%	1.2%	4.5%		0.3%	0.5%	1.6%	
BX-104			0.2%	0.8%		0.3%	0.2%	2.3%	0.3%	0.2%	0.2%	0.1%	12.8%	1.5%	2.3%	1.5%	2.5%	1.3%		0.4%	1.3%	6.3%	0.5%	0.5%	0.9%	2.3%	2.2%
BX-105			0.2%	0.7%		0.2%	0.1%	2.1%	0.2%	0.2%	0.2%	0.1%	11.9%	1.4%	2.2%	1.3%	2.4%	1.2%		0.4%	1.4%	6.2%	0.4%	0.5%	0.9%	2.2%	1.9%
BX-106								0.3%	0.1%	0.4%	0.2%						1.2%	0.9%		0.2%	2.2%	8.2%		0.4%	0.5%	3.0%	
BX-107			1.5%	1.9%				21.4%														0.2%					
BX-108																											
BX-109								0.2%		0.2%							0.1%				2.1%	23.7%		0.1%			
BX-110																											
BX-111			0.1%	0.1%				0.7%	0.2%	0.9%	0.4%		0.1%				1.3%	1.4%		0.3%	5.1%	18.9%		0.6%	0.5%	6.8%	
BX-112			0.1%	0.1%				0.7%	0.1%	0.3%	0.1%						1.3%	0.9%		0.2%	1.8%	7.1%		0.3%	0.6%	2.4%	
BY-101																											
BY-102								0.4%		0.2%	0.1%						1.1%	0.7%		0.1%	1.3%	4.6%		0.3%	0.5%	1.7%	
BY-103																											
BY-104																											
BY-105																											
BY-106																											
BY-107																											
BY-108																											
BY-109																											

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	224	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1	OWW2	OWW3	Z
BY-110			0.1%	0.4%		0.1%	0.1%	1.3%	0.1%	0.2%	0.1%		5.9%	0.7%	1.2%	0.7%	3.1%	1.5%		0.3%	1.3%	5.3%	0.2%	0.6%	1.5%	2.0%	1.0%
BY-111																											
BY-112								0.3%	0.1%	0.4%	0.2%		0.1%				0.3%	0.4%		0.1%	1.9%	7.7%		0.2%		3.2%	
C-101																											
C-102																						0.3%					
C-103								0.4%		0.2%	0.4%		0.1%		0.3%		0.7%	0.4%		0.1%	2.9%	5.9%		0.3%	0.3%	3.1%	
C-104			0.1%	0.6%		0.2%	0.1%	1.9%	0.2%	0.2%	0.2%	0.1%	10.7%	1.2%	2.0%	1.2%	2.9%	1.4%		0.3%	1.5%	6.0%	0.4%	0.6%	1.2%	2.3%	1.6%
C-105								0.1%		0.1%							1.1%	1.0%		0.2%	0.4%	1.4%		0.2%	0.6%	0.6%	
C-106																											
C-107																											
C-108																											
C-109																											
C-110			0.1%	0.1%				1.2%		0.2%	0.1%						0.1%	0.1%			0.6%	34.9%		0.5%		28.9%	
C-111											7.4%										48.4%						
C-112			0.1%	0.1%				1.2%		0.2%	0.1%						0.1%	0.1%			0.6%	34.9%		0.5%		28.9%	
C-201																											
C-202																											
C-203																											
C-204																											
S-101			0.2%	0.8%		0.3%	0.1%	2.3%	0.3%	0.3%	0.2%	0.1%	14.7%	1.6%	2.7%	1.5%	2.3%	1.2%		0.4%	1.5%	6.7%	0.5%	0.5%	0.8%	2.4%	2.0%
S-102			0.2%	0.8%		0.3%	0.2%	2.5%	0.3%	0.2%	0.2%	0.1%	14.5%	1.6%	2.7%	1.6%	2.4%	1.3%		0.3%	1.3%	6.3%	0.5%	0.5%	0.9%	2.3%	2.2%
S-103			0.2%	0.9%		0.3%	0.2%	2.6%	0.3%	0.2%	0.2%	0.1%	13.8%	1.6%	2.6%	1.7%	2.5%	1.3%		0.3%	1.4%	6.6%	0.6%	0.5%	0.9%	2.4%	2.4%
S-104																											
S-105			0.1%	0.5%		0.4%		1.7%	0.2%	0.1%	0.1%	0.1%	40.6%	1.5%	5.3%	1.6%	1.5%	0.9%		0.1%	0.5%	3.3%	0.4%	0.3%	0.7%	1.2%	
S-106			0.1%	0.4%		0.3%		1.3%	0.2%	0.1%	0.1%	0.1%	31.5%	1.7%	4.0%	1.2%	1.7%	0.7%		0.3%	0.5%	3.1%	0.3%	0.3%	0.6%	1.2%	
S-107			0.2%	0.8%		0.2%	0.2%	2.3%	0.3%	0.2%	0.2%	0.1%	12.2%	1.5%	2.2%	1.5%	2.5%	1.3%		0.5%	1.4%	6.4%	0.5%	0.5%	0.9%	2.3%	2.2%
S-108			0.1%	0.5%		0.4%		1.6%	0.2%	0.1%	0.1%	0.1%	36.7%	1.8%	5.0%	1.5%	1.4%	0.9%		0.2%	0.5%	3.2%	0.4%	0.3%	0.7%	1.2%	
S-109			0.1%	0.5%		0.4%		1.6%	0.2%	0.1%	0.1%	0.1%	34.5%	1.9%	4.7%	1.4%	1.4%	0.8%		0.2%	0.5%	3.3%	0.4%	0.3%	0.6%	1.3%	
S-110			0.1%	0.5%		0.2%		1.6%	0.2%	0.3%	0.1%	0.1%	20.1%	1.4%	2.8%	1.1%	2.0%	1.0%		0.4%	1.4%	6.4%	0.3%	0.4%	0.6%	2.3%	0.7%
S-111			0.1%	0.5%		0.3%	0.1%	1.6%	0.2%	0.1%	0.1%	0.1%	26.0%	1.6%	3.5%	1.2%	1.8%	0.9%		0.4%	0.8%	4.3%	0.4%	0.4%	0.6%	1.6%	0.5%
S-112			0.1%	0.5%		0.4%		1.6%	0.2%	0.1%	0.1%	0.1%	36.5%	1.8%	4.9%	1.5%	1.4%	0.9%		0.2%	0.5%	3.3%	0.4%	0.3%	0.7%	1.2%	
SX-101			0.2%	0.8%		0.3%	0.2%	2.5%	0.3%	0.2%	0.2%	0.1%	16.0%	1.6%	2.8%	1.6%	2.4%	1.3%		0.4%	1.3%	6.3%	0.5%	0.5%	0.9%	2.3%	2.1%
SX-102			0.2%	0.8%		0.2%	0.2%	2.5%	0.3%	0.3%	0.2%	0.1%	12.2%	1.6%	2.3%	1.5%	2.4%	1.3%		0.4%	1.6%	7.3%	0.5%	0.5%	0.9%	2.6%	2.3%
SX-103			0.2%	1.0%		0.3%	0.3%	2.8%	0.3%	0.3%	0.2%	0.1%	11.6%	1.7%	2.3%	1.8%	2.7%	1.4%		0.4%	1.5%	7.2%	0.6%	0.6%	1.0%	2.6%	2.8%
SX-104			0.2%	0.8%		0.3%	0.2%	2.4%	0.3%	0.3%	0.2%	0.1%	14.0%	1.6%	2.6%	1.5%	2.3%	1.3%		0.4%	1.5%	6.8%	0.5%	0.5%	0.8%	2.4%	2.1%
SX-105			0.2%	0.7%		0.2%	0.2%	2.3%	0.3%	0.3%	0.2%	0.1%	13.7%	1.6%	2.5%	1.4%	2.3%	1.2%		0.4%	1.5%	6.9%	0.5%	0.5%	0.8%	2.4%	1.9%
SX-106			0.2%	0.9%		0.3%	0.2%	2.6%	0.3%	0.2%	0.2%	0.1%	13.6%	1.6%	2.6%	1.7%	2.5%	1.3%		0.3%	1.4%	6.6%	0.6%	0.5%	0.9%	2.4%	2.5%
SX-107													4.3%	10.6%	0.1%												
SX-108													6.5%	8.7%													
SX-109													14.5%	11.5%													
SX-110																											
SX-111								0.1%					0.4%	0.9%		0.1%	0.2%	0.1%			0.1%	3.2%			0.1%	3.0%	
SX-112													0.9%	78.0%													
SX-113													100.0%														
SX-114													0.2%	5.2%			0.1%					0.9%				0.9%	
SX-115																											
U-101																											

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	224	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1	OWW2	OWW3	Z
U-102			0.2%	1.0%		0.3%	0.2%	2.9%	0.3%	0.3%	0.2%	0.1%	11.3%	1.7%	2.6%	2.0%	2.9%	1.5%		0.4%	1.5%	7.3%	0.7%	0.6%	1.1%	2.7%	2.9%
U-103	0.1%		0.2%	1.0%		0.3%	0.2%	2.9%	0.3%	0.3%	0.2%	0.1%	11.8%	1.7%	2.8%	1.8%	2.7%	1.4%		0.4%	1.5%	7.2%	0.6%	0.6%	1.0%	2.6%	3.0%
U-104		0.1%	0.1%	0.6%		0.7%		2.7%	0.6%	0.1%		0.4%	6.3%	1.8%	7.1%	8.4%	9.6%	4.3%			0.7%	13.2%	2.1%	1.6%	4.6%	5.1%	
U-105			0.2%	1.0%		0.3%	0.2%	2.9%	0.3%	0.3%	0.2%	0.1%	11.8%	1.7%	2.7%	1.8%	2.7%	1.4%		0.4%	1.5%	7.2%	0.6%	0.6%	1.0%	2.6%	3.0%
U-106			0.2%	0.6%		0.2%	0.2%	2.1%	0.2%	0.3%	0.2%	0.1%	12.6%	1.4%	2.1%	1.2%	2.1%	1.2%		0.5%	1.6%	7.0%	0.4%	0.5%	0.7%	2.4%	1.8%
U-107			0.2%	0.9%		0.3%	0.2%	2.6%	0.3%	0.3%	0.2%	0.1%	13.6%	1.6%	2.6%	1.7%	2.5%	1.3%		0.3%	1.4%	6.6%	0.6%	0.5%	0.9%	2.4%	2.5%
U-108			0.2%	0.6%		0.2%	0.2%	2.1%	0.2%	0.3%	0.2%	0.1%	13.5%	1.5%	2.3%	1.2%	2.1%	1.1%		0.4%	1.6%	6.7%	0.4%	0.5%	0.7%	2.3%	1.5%
U-109			0.2%	0.6%		0.2%	0.1%	2.1%	0.2%	0.3%	0.2%	0.1%	13.5%	1.7%	2.3%	1.3%	2.2%	1.2%		0.5%	1.6%	6.8%	0.4%	0.5%	0.8%	2.3%	1.6%
U-110																											
U-111			0.2%	0.9%		0.3%	0.2%	2.6%	0.3%	0.2%	0.2%	0.1%	14.6%	1.7%	2.7%	1.7%	2.5%	1.3%		0.4%	1.3%	6.5%	0.6%	0.5%	0.9%	2.4%	2.3%
U-112																											
U-201	1.1%		3.9%										56.5%		38.5%												
U-202																											
U-203	1.1%		3.9%										56.5%		38.5%												
U-204																											
T-101			0.2%	2.0%		1.3%	4.2%	3.6%	0.4%	0.2%	0.2%	0.2%	5.5%	1.8%	1.9%	2.3%	3.0%	1.6%		0.3%	1.1%	6.6%	0.8%	0.6%	1.2%	2.4%	4.2%
T-102																											
T-103													0.6%	2.4%	2.7%	2.5%	0.1%					5.3%				0.4%	
T-104			0.2%	13.6%		0.2%		1.9%	0.2%	0.2%	0.2%	0.1%	11.6%	1.3%	1.9%	1.1%	1.9%	1.0%		0.5%	1.3%	5.8%	0.4%	0.4%	0.7%	2.0%	1.7%
T-105																											
T-106																											
T-107																											
T-108																											
T-109																											
T-110						100.0%																					
T-111						100.0%																					
T-112																											
T-201																											
T-202																											
T-203																											
T-204																											
TX-101			0.2%	0.8%		0.3%	0.1%	2.4%	0.3%	0.2%	0.2%	0.1%	17.8%	1.7%	3.0%	1.6%	2.4%	1.2%		0.4%	1.2%	6.0%	0.5%	0.5%	0.9%	2.2%	2.0%
TX-102	0.1%		0.2%	1.7%		0.3%		4.8%	0.5%	0.3%	0.2%	0.2%	6.5%	2.1%	2.4%	3.0%	3.9%	2.1%		0.2%	1.5%	8.5%	1.1%	0.8%	1.7%	3.3%	5.3%
TX-103	0.1%		0.2%	2.0%		0.8%	0.6%	4.5%	0.5%	0.3%	0.2%	0.2%	6.9%	2.0%	2.4%	2.9%	3.9%	2.0%		0.2%	1.4%	8.2%	1.0%	0.8%	1.6%	3.1%	5.5%
TX-104			0.2%	1.6%		0.3%		4.5%	0.5%	0.3%	0.2%	0.2%	7.2%	2.0%	2.3%	2.8%	3.9%	2.0%		0.4%	1.4%	8.0%	1.0%	0.8%	1.6%	3.1%	6.0%
TX-105	0.1%		0.3%	1.7%		0.3%		5.0%	0.6%	0.4%	0.3%	0.2%	6.9%	2.3%	2.6%	3.2%	4.1%	2.2%		0.1%	1.6%	9.2%	1.1%	0.8%	1.7%	3.5%	4.3%
TX-106	0.1%		0.2%	1.7%		0.3%		4.8%	0.5%	0.3%	0.2%	0.2%	7.2%	2.1%	2.4%	3.0%	4.1%	2.1%		0.3%	1.5%	8.5%	1.1%	0.8%	1.7%	3.3%	5.7%
TX-107			0.2%	1.6%		0.3%		4.5%	0.5%	0.3%	0.2%	0.2%	7.2%	2.0%	2.3%	2.8%	3.9%	2.0%		0.4%	1.4%	8.0%	1.0%	0.8%	1.6%	3.1%	6.1%
TX-108	0.1%		0.3%	1.7%		0.3%		4.9%	0.6%	0.3%	0.2%	0.2%	7.3%	2.2%	2.6%	3.2%	4.2%	2.2%		0.2%	1.5%	8.9%	1.1%	0.8%	1.7%	3.4%	4.8%
TX-109			0.2%	1.6%		0.3%		4.5%	0.5%	0.3%	0.2%	0.2%	7.1%	2.0%	2.3%	2.8%	3.9%	2.0%		0.4%	1.4%	7.9%	1.0%	0.8%	1.6%	3.1%	6.0%
TX-110	0.1%		0.2%	1.7%		0.3%		4.9%	0.5%	0.3%	0.2%	0.2%	7.0%	2.2%	2.5%	3.0%	4.0%	2.1%		0.2%	1.5%	8.6%	1.1%	0.8%	1.7%	3.3%	5.5%
TX-111	0.1%		0.2%	1.7%		0.3%		4.8%	0.5%	0.3%	0.2%	0.2%	7.0%	2.1%	2.4%	3.0%	4.0%	2.1%		0.3%	1.5%	8.5%	1.1%	0.8%	1.6%	3.3%	5.6%
TX-112	0.1%		0.3%	1.8%		0.3%		4.9%	0.6%	0.4%	0.3%	0.2%	6.9%	2.2%	2.8%	3.4%	4.3%	2.3%		0.1%	1.9%	10.3%	1.2%	0.9%	1.8%	3.9%	1.9%
TX-113	0.1%		0.3%	1.9%		0.4%		5.1%	0.6%	0.3%	0.2%	0.3%	7.3%	2.0%	3.8%	4.6%	5.6%	2.7%		0.1%	1.5%	10.7%	1.4%	1.0%	2.5%	4.4%	1.2%
TX-114	0.1%		0.3%	2.1%		0.3%		5.3%	0.6%	0.4%	0.3%	0.3%	7.1%	2.1%	3.2%	3.9%	4.8%	2.4%		0.1%	1.7%	10.3%	1.3%	0.9%	2.1%	4.1%	1.9%
TX-115	0.1%		0.3%	1.8%		0.4%		5.0%	0.6%	0.3%	0.2%	0.3%	7.1%	2.1%	3.3%	4.0%	5.0%	2.5%		0.1%	1.6%	9.9%	1.3%	0.9%	2.2%	3.9%	2.6%
TX-116			0.2%	1.4%		1.3%		5.1%	0.9%	0.1%		0.7%	8.0%	2.6%	6.2%	6.7%	7.9%	3.5%			0.6%	9.0%	2.0%	1.3%	3.7%	4.4%	

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	224	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1	OWW2	OWW3	Z
TX-117			0.1%	1.1%		1.1%		4.3%	0.8%	0.1%		0.6%	7.3%	2.3%	6.3%	7.5%	9.6%	4.3%			0.7%	9.1%	2.1%	1.6%	4.5%	4.9%	
TX-118			0.2%	1.6%		0.6%	0.2%	3.6%	0.4%	0.3%	0.2%	0.2%	11.1%	1.9%	2.7%	2.4%	3.3%	1.7%		0.3%	1.4%	7.4%	0.8%	0.6%	1.3%	2.8%	4.3%
TY-101				0.2%				17.3%	0.2%			0.6%	13.9%	21.6%	0.9%	0.5%							0.2%				
TY-102	0.1%		0.2%	1.8%		0.3%		5.0%	0.6%	0.3%	0.2%	0.2%	7.3%	2.2%	2.5%	3.1%	4.2%	2.1%		0.2%	1.5%	8.8%	1.1%	0.8%	1.7%	3.4%	5.3%
TY-103	0.1%		0.3%	1.7%		0.3%		4.8%	0.6%	0.3%	0.2%	0.2%	6.9%	2.2%	2.8%	3.5%	4.2%	2.2%		0.1%	1.5%	9.3%	1.2%	0.8%	1.9%	3.7%	2.6%
TY-104																											
TY-105								100.0%																			
TY-106																											
AN-101			0.1%	0.4%		1.0%		1.4%	0.2%	0.1%	0.1%	0.1%	25.3%	1.2%	3.4%	1.1%	1.3%	0.7%		0.2%	0.8%	4.2%	0.3%	0.3%	0.5%	1.3%	0.7%
AN-102			0.1%	0.5%		0.3%	0.1%	1.5%	0.2%	0.2%	0.1%	0.1%	8.2%	0.9%	1.6%	1.0%	2.0%	1.1%		0.3%	1.1%	4.9%	0.3%	0.4%	0.9%	1.8%	1.9%
AN-103			0.1%	0.3%		0.5%		1.2%	0.1%	0.2%	0.1%	0.1%	5.7%	0.6%	1.2%	0.8%	1.3%	0.7%		0.1%	0.9%	4.2%	0.3%	0.3%	0.6%	1.7%	3.3%
AN-104			0.1%	0.4%		0.2%	0.1%	1.4%	0.2%	0.1%	0.1%	0.1%	5.9%	0.8%	1.3%	0.9%	1.6%	0.8%		0.2%	0.8%	3.8%	0.3%	0.3%	0.7%	1.4%	2.5%
AN-105			0.1%	0.5%		0.3%	0.1%	1.7%	0.2%	0.1%	0.1%	0.1%	5.9%	0.9%	1.5%	1.2%	1.9%	1.0%		0.2%	0.8%	4.2%	0.4%	0.4%	0.8%	1.6%	5.1%
AN-106			0.1%	0.5%		0.2%	0.1%	1.6%	0.2%	0.2%	0.1%	0.1%	8.2%	0.9%	1.6%	1.0%	2.2%	1.1%		0.2%	0.9%	4.3%	0.3%	0.4%	1.0%	1.6%	1.9%
AN-107			0.1%	0.4%		0.1%	0.1%	1.4%	0.2%	0.2%	0.1%	0.1%	4.7%	0.7%	1.1%	0.8%	1.9%	1.0%		0.2%	1.2%	5.2%	0.3%	0.4%	0.8%	1.9%	2.2%
AP-101								0.2%					0.7%	0.1%	0.1%	0.1%	0.2%	0.1%			0.1%	0.6%			0.1%	0.2%	1.0%
AP-102			0.1%	0.5%		0.2%	0.1%	1.5%	0.2%	0.2%	0.1%	0.1%	8.1%	0.9%	1.5%	1.0%	2.2%	1.1%		0.2%	0.9%	4.2%	0.3%	0.4%	0.9%	1.5%	1.8%
AP-103								0.1%					0.3%		0.1%		0.1%				0.1%	0.2%				0.1%	8.5%
AP-104																											
AP-105				0.1%		0.1%		0.6%	0.1%	0.1%			2.0%	0.2%	0.4%	0.3%	0.5%	0.3%		0.1%	0.4%	1.7%	0.1%	0.1%	0.2%	0.6%	2.8%
AP-106				0.1%		0.1%		0.5%		0.1%			1.7%	0.2%	0.3%	0.2%	0.4%	0.2%			0.3%	1.4%	0.1%	0.1%	0.2%	0.5%	3.3%
AP-107																											
AP-108													0.1%														1.0%
AW-101			0.1%	0.2%		0.2%		1.1%	0.1%	0.1%	0.1%		3.8%	0.4%	0.8%	0.5%	0.9%	0.5%		0.1%	0.7%	3.4%	0.2%	0.2%	0.4%	1.4%	3.9%
AW-102				0.4%		0.1%		0.7%	0.1%	0.1%			2.4%	0.3%	0.5%	0.3%	0.5%	0.3%		0.1%	0.4%	1.7%	0.1%	0.1%	0.2%	0.7%	2.5%
AW-103																											
AW-104																											
AW-105				0.1%		0.1%		0.6%		0.1%			1.9%	0.2%	0.4%	0.3%	0.5%	0.3%		0.1%	0.4%	1.6%	0.1%	0.1%	0.2%	0.6%	2.8%
AW-106				0.1%		0.1%		0.7%	0.1%	0.1%			2.4%	0.4%	0.5%	0.3%	0.5%	0.3%		0.1%	0.4%	1.6%	0.1%	0.1%	0.2%	0.6%	2.5%
AY-101				0.1%		0.1%	0.1%	1.0%	0.1%	0.1%	0.1%		2.1%	0.9%	0.4%	0.3%	0.6%	0.4%		0.1%	0.6%	2.7%	0.1%	0.1%	0.2%	1.0%	0.8%
AY-102																											0.7%
AZ-101				0.1%				0.3%					1.4%	0.2%	0.3%	0.2%	0.4%	0.2%			0.2%	0.9%	0.1%	0.1%	0.1%	0.3%	0.3%
AZ-102													0.1%									0.1%					0.5%
SY-101			0.2%	0.9%		0.3%	0.2%	2.6%	0.3%	0.3%	0.2%	0.1%	12.2%	1.6%	2.4%	1.6%	2.5%	1.3%		0.4%	1.5%	6.8%	0.5%	0.5%	0.9%	2.4%	2.4%
SY-102																											24.0%
SY-103			0.2%	0.8%		0.3%	0.2%	2.4%	0.3%	0.2%	0.2%	0.1%	12.8%	1.5%	2.4%	1.5%	2.4%	1.3%		0.4%	1.4%	6.5%	0.5%	0.5%	0.9%	2.3%	2.3%

WSTRS3.45b	HS	TH1	TH2	AR	B	BL	SRR	SRR'	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B'	B-SltCk	BL'	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in
A-101	0.4%	0.1%	0.2%	3.9%	1.4%	8.9%	6.7%		17.5%			0.6%		5.2%	1.8%		0.6%		3.3%		2.9%				13.0%			
A-102	0.4%	0.1%	0.2%	4.3%	1.2%	8.9%	7.3%		17.1%			0.6%		4.9%	1.7%		0.5%		3.0%		2.7%				15.2%			
A-103	0.4%	0.1%	0.2%	4.2%	1.4%	9.0%	7.2%		17.1%			0.6%		4.9%	1.7%		0.5%		3.0%		2.7%				15.1%			
A-104																												
A-105					5.9%				0.8%					1.5%			0.3%											
A-106	0.3%	0.1%	0.2%	2.1%	1.1%	8.2%	4.5%		19.1%			0.9%		6.2%	2.1%		0.5%		4.0%		3.7%				7.3%			
AX-101	0.4%	0.1%	0.2%	4.2%	1.3%	8.9%	7.1%		17.1%			0.6%		4.9%	1.7%		0.5%		3.1%		2.7%				15.0%			
AX-102	0.3%	0.1%	0.2%	2.3%	2.5%	8.2%	4.9%		18.4%			0.8%		5.8%	2.0%		0.5%		3.8%		3.5%				8.9%			
AX-103	0.4%	0.1%	0.2%	3.2%	1.0%	11.2%	6.2%		17.3%			0.6%		5.0%	1.7%		0.5%		3.2%		2.8%				13.3%			
AX-104																												
B-101																												
B-102	1.1%	0.6%	0.9%		2.2%	2.5%			15.6%					0.4%	0.1%		21.4%								4.1%			
B-103	1.0%	0.5%	0.8%		1.5%	3.9%			21.9%					3.0%	2.5%		12.3%		0.5%		2.1%							
B-104																	100.0%											
B-105	1.7%	0.7%	1.4%	0.1%	1.1%	1.2%			17.5%					0.7%	0.5%		9.2%		0.1%									
B-106	1.0%	0.5%	0.8%		1.9%	2.1%			13.5%					0.3%	0.1%		26.1%											
B-107																	5.5%											
B-108	1.5%	0.7%	1.4%	0.1%	1.0%	1.1%			27.6%					1.8%	1.0%		1.4%		0.3%		0.1%							
B-109																									100.0%			
B-110																									100.0%			
B-111																									99.9%			
B-112																									100.0%			
B-201																												
B-202					19.8%									58.9%														
B-203														93.1%														
B-204														97.1%														
BX-101																									100.0%			
BX-102	6.3%	0.1%			10.7%	1.3%			14.5%					0.1%			0.1%											
BX-103	0.2%	0.1%	0.2%	6.0%	0.8%	4.8%	3.1%		29.2%					0.2%	0.1%		0.2%								44.6%			
BX-104	0.3%	0.1%	0.2%	2.7%	0.5%	8.8%	4.9%		21.0%			0.8%		7.5%	2.6%		0.7%		4.6%		4.1%				0.3%			
BX-105	0.3%	0.1%	0.2%	2.9%	0.7%	8.6%	5.3%		19.8%			0.8%		6.6%	2.3%		0.6%		4.1%		3.7%				5.3%			
BX-106	0.4%	0.2%	0.4%	6.9%	0.9%	5.0%	3.3%		5.4%					0.4%	0.2%		0.5%		0.1%						58.7%			
BX-107									74.9%																			
BX-108																												
BX-109									73.6%																			
BX-110																									100.0%			
BX-111	1.0%	0.4%	0.9%	5.2%	1.2%	4.2%	3.4%		11.0%					0.7%	0.4%		0.9%		0.1%						32.8%			
BX-112	0.3%	0.2%	0.3%	8.5%	1.0%	5.0%	8.4%		10.0%					0.3%	0.2%		1.4%								48.3%			
BY-101																												
BY-102	0.3%	0.1%	0.2%	7.5%	0.8%	5.5%	9.4%		7.5%					0.2%	0.2%		0.4%								56.7%			
BY-103																									100.0%			
BY-104																												
BY-105																									100.0%			
BY-106																												
BY-107																									99.9%			
BY-108																									100.0%			
BY-109																												

WSTRS3.45b	HS	TH1	TH2	AR	B	BL	SRR	SRR'	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B'	B-SltCk	BL'	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in
BY-110	0.4%	0.1%	0.2%	4.5%	4.2%	9.8%	8.3%		14.2%			0.4%		3.4%	1.1%		0.5%		2.1%		1.8%				21.3%			
BY-111																												
BY-112	0.4%	0.2%	0.3%		0.3%	0.7%			4.1%					0.5%	0.4%		0.8%		0.1%						77.5%			
C-101																												
C-102																									99.7%			
C-103	2.4%	0.1%	0.1%	4.3%	0.5%	4.9%	40.5%		10.1%					0.6%	0.9%		0.2%		0.1%						20.0%			
C-104	0.5%	0.1%	0.2%	2.4%	1.0%	7.9%	8.1%		18.1%			0.8%		5.5%	1.9%		0.5%		3.6%		3.3%				9.3%			
C-105	0.1%		0.1%	6.3%	61.0%	2.7%	10.3%		2.9%					0.1%	0.1%		0.1%								10.5%			
C-106						100.0%																						
C-107							100.0%																					
C-108																												
C-109																												
C-110	1.9%	0.1%	0.1%						30.8%					0.1%														
C-111	44.2%																											
C-112	1.9%	0.1%	0.1%						30.8%					0.1%														
C-201																												
C-202																												
C-203	100.0%																											
C-204	100.0%																											
S-101	0.4%	0.1%	0.2%	0.6%	0.4%	7.7%	2.4%		23.5%			0.9%		7.3%	3.0%		0.7%		4.5%		4.7%				0.2%			
S-102	0.3%	0.1%	0.2%	0.7%	0.4%	7.2%	2.5%		21.1%			4.3%		7.5%	2.5%		0.6%		4.9%		4.4%				0.2%			
S-103	0.3%	0.1%	0.3%	0.7%	0.4%	7.4%	2.5%		21.1%			3.4%		7.7%	2.4%		0.6%		5.2%		4.2%				0.2%			
S-104																					100.0%							
S-105	0.2%		0.1%		0.1%	3.3%	0.3%		17.8%					6.2%	2.6%				3.7%		4.3%							
S-106	0.1%		0.1%	0.1%	0.1%	5.7%	0.3%		22.2%					6.3%	3.5%				2.9%		8.9%							
S-107	0.3%	0.1%	0.2%	3.0%	0.5%	9.1%	5.3%		20.8%			0.7%		7.5%	2.6%		0.7%		4.5%		3.9%				0.2%			
S-108	0.2%		0.1%		0.1%	3.8%	0.3%		20.3%					6.6%	3.4%				3.5%		4.7%							
S-109	0.2%		0.1%		0.2%	4.4%	0.3%		21.5%					6.8%	3.8%		0.0%		3.4%		4.7%							
S-110	0.3%	0.1%	0.2%	0.2%	0.3%	7.8%	1.4%		26.0%					5.9%	2.8%		0.8%		3.0%		6.9%							
S-111	0.2%	0.1%	0.2%	0.3%	0.2%	6.6%	1.0%		23.3%					6.6%	3.5%		0.3%		3.2%		7.6%				0.2%			
S-112	0.2%		0.1%		0.2%	3.9%	0.3%		20.4%					6.6%	3.4%		0.1%		3.5%		4.7%							
SX-101	0.3%	0.1%	0.2%	0.7%	0.4%	7.4%	2.4%		21.9%			1.1%		7.6%	2.6%		0.6%		4.9%		4.8%				0.2%			
SX-102	0.4%	0.1%	0.3%	0.7%	0.4%	8.3%	2.8%		23.9%					7.5%	2.8%		1.0%		4.8%		4.2%				0.6%			
SX-103	0.3%	0.1%	0.3%	0.8%	0.4%	8.4%	3.1%		21.8%			0.1%		8.2%	2.4%		0.7%		5.6%		3.9%				0.3%			
SX-104	0.4%	0.1%	0.3%	0.6%	0.4%	8.3%	2.7%		23.5%			0.3%		7.4%	3.1%		0.8%		4.6%		4.5%				0.3%			
SX-105	0.4%	0.1%	0.3%	0.6%	0.4%	8.4%	2.7%		24.4%			0.2%		7.3%	3.3%		0.8%		4.3%		4.6%				0.2%			
SX-106	0.3%	0.1%	0.3%	0.7%	0.4%	7.4%	2.5%		21.0%			3.6%		7.7%	2.4%		0.6%		5.2%		4.2%				0.2%			
SX-107																					85.0%							
SX-108																					84.8%							
SX-109																					74.0%							
SX-110																												
SX-111					0.1%	2.9%			84.1%					0.2%					0.1%		4.2%							
SX-112																					21.1%							
SX-113																												
SX-114					0.1%	9.3%			72.0%												11.1%							
SX-115																												
U-101																												

WSTRS3.45b	HS	TH1	TH2	AR	B	BL	SRR	SRR'	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B'	B-SltCk	BL'	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in
U-102	0.3%	0.1%	0.3%	0.8%	0.4%	7.9%	3.0%		20.4%			1.0%		8.5%	2.2%		0.6%		5.9%		3.6%				0.2%			
U-103	0.3%	0.1%	0.3%	0.7%	0.4%	7.9%	2.9%		20.8%			1.0%		8.2%	2.3%		0.6%		5.8%		3.7%				0.2%			
U-104	0.1%	0.1%												18.1%			0.1%		10.7%		0.9%							
U-105	0.3%	0.1%	0.3%	0.7%	0.4%	8.2%	3.1%		21.3%			0.2%		8.2%	2.3%		0.7%		5.7%		3.8%				0.3%			
U-106	0.4%	0.1%	0.3%	0.7%	0.4%	10.4%	3.3%		24.7%					6.8%	3.3%		1.1%		3.8%		4.3%				0.7%			
U-107	0.3%	0.1%	0.3%	0.7%	0.4%	7.4%	2.5%		21.2%			3.0%		7.7%	2.4%		0.6%		5.2%		4.2%				0.2%			
U-108	0.4%	0.1%	0.2%	0.7%	0.4%	8.5%	2.7%		25.3%					8.1%	4.2%		0.9%		3.7%		4.7%				0.2%			
U-109	0.4%	0.1%	0.2%	0.7%	0.4%	9.4%	3.1%		25.1%					6.7%	3.5%		0.8%		3.9%		4.7%				0.1%			
U-110																												
U-111	0.3%	0.1%	0.3%	0.7%	0.4%	7.5%	2.6%		21.4%			1.7%		7.7%	2.5%		0.6%		5.1%		4.5%				0.2%			
U-112																												
U-201																												
U-202																												
U-203																												
U-204																												
T-101	0.1%	0.1%	0.3%	0.4%	0.4%	9.8%	2.8%		22.9%					8.1%			0.1%		7.9%		1.9%							
T-102																												
T-103					0.1%	17.8%			62.7%												5.2%							
T-104	0.4%	0.1%	0.2%	0.7%	0.3%	9.5%	3.6%		20.8%					5.7%	2.9%		0.7%		3.5%		3.7%							
T-105																												
T-106																												
T-107																												
T-108																												
T-109																												
T-110																												
T-111																												
T-112																												
T-201																												
T-202																												
T-203																												
T-204																												
TX-101	0.3%	0.1%	0.2%	0.6%	0.3%	7.1%	2.3%		21.7%			0.6%		7.5%	2.7%		0.5%		4.8%		5.0%				0.1%			
TX-102	0.2%	0.1%	0.4%	0.6%	0.5%	5.7%	4.4%		14.0%					11.0%			0.2%		10.2%		2.1%							
TX-103	0.2%	0.1%	0.4%	0.2%	0.5%	6.8%	1.8%		15.7%					10.9%	0.1%		0.2%		9.6%		2.2%							
TX-104	0.2%	0.1%	0.4%	0.6%	0.5%	7.8%	4.8%		13.1%					10.4%			0.2%		9.6%		2.1%							
TX-105	0.2%	0.1%	0.4%		0.5%	5.2%	0.3%		15.4%					11.9%			0.2%		10.9%		2.3%							
TX-106	0.2%	0.1%	0.4%	0.3%	0.5%	6.7%	2.4%		13.8%					11.0%			0.2%		10.1%		2.2%							
TX-107	0.2%	0.1%	0.4%	0.6%	0.5%	7.7%	4.7%		13.0%					10.4%			0.2%		9.6%		2.1%							
TX-108	0.2%	0.1%	0.4%	0.1%	0.5%	6.0%	0.7%		14.5%					11.6%			0.2%		10.8%		2.3%							
TX-109	0.2%	0.1%	0.4%	0.7%	0.5%	7.7%	5.6%		12.9%					10.2%			0.2%		9.5%		2.0%							
TX-110	0.2%	0.1%	0.4%	0.3%	0.5%	6.5%	2.2%		14.1%					11.1%			0.2%		10.3%		2.2%							
TX-111	0.2%	0.1%	0.4%	0.4%	0.5%	6.8%	2.8%		13.8%					10.9%			0.2%		10.1%		2.2%							
TX-112	0.2%	0.2%	0.4%		0.6%	4.4%	0.1%		15.0%					12.6%			0.2%		11.2%		2.2%							
TX-113	0.2%	0.1%	0.4%		0.4%	3.3%			10.5%					14.2%			0.2%		10.4%		2.2%							
TX-114	0.2%	0.1%	0.5%		0.5%	3.7%			12.5%					13.3%			0.2%		11.1%		2.4%							
TX-115	0.2%	0.1%	0.4%	0.1%	0.5%	4.2%	0.4%		12.3%					13.1%			0.2%		10.7%		2.2%							
TX-116		0.1%												17.8%			0.1%		14.9%		1.4%							

WSTRS3.45b	HS	TH1	TH2	AR	B	BL	SRR	SRR'	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B'	B-SltCk	BL'	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in
TX-117		0.1%	0.1%		0.1%	0.5%			0.8%					16.6%			0.1%		12.1%		1.2%							
TX-118	0.2%	0.1%	0.3%	0.4%	0.4%	6.7%	2.4%		17.7%			0.2%		9.8%	1.1%		0.3%		7.6%		3.3%				0.1%			
TY-101														1.2%					6.5%		36.8%							
TY-102	0.2%	0.1%	0.4%	0.1%	0.5%	6.3%	0.8%		14.3%					11.3%			0.2%		10.5%		2.3%							
TY-103	0.2%	0.1%	0.5%		0.6%	4.7%			15.3%					12.6%			0.2%		11.9%		2.3%							
TY-104																												
TY-105																												
TY-106																												
AN-101	0.2%	0.1%	0.1%	0.8%	0.9%	5.0%	1.2%		17.3%					5.7%	2.3%		4.1%		2.6%		3.6%				4.5%			
AN-102	0.3%	0.1%	0.2%	3.0%	1.2%	10.7%	5.2%		21.2%			0.5%		6.1%	1.9%		0.4%		2.9%		2.4%				10.8%			
AN-103	0.2%	0.1%	0.2%	1.0%	0.4%	15.0%	2.0%		8.1%			0.2%		8.2%	2.0%		0.5%		2.1%		1.5%				4.9%			
AN-104	0.2%	0.1%	0.1%	1.7%	0.6%	13.6%	3.5%		10.0%			0.4%		8.7%	1.3%		0.3%		2.7%		1.7%				7.8%			
AN-105	0.2%	0.1%	0.2%	1.5%	0.8%	15.4%	2.9%		9.6%			0.4%		13.7%	1.2%		0.2%		3.4%		1.7%				8.0%			
AN-106	0.2%	0.1%	0.2%	1.5%	0.8%	7.3%	3.2%		13.2%			0.6%		6.4%	26.2%		0.4%		3.0%		2.5%				5.5%			
AN-107	0.3%	0.1%	0.2%	4.4%	1.5%	11.0%	7.3%		11.9%			0.4%		8.3%	0.9%		0.4%		2.5%		1.5%				21.7%			
AP-101				0.2%	0.1%	5.4%	0.3%		1.3%			0.1%		2.1%	0.2%		0.1%		0.3%		0.2%				0.6%			
AP-102	0.2%	0.1%	0.2%	1.4%	0.8%	7.2%	3.1%		12.9%			0.6%		6.3%	27.7%		0.4%		2.9%		2.5%				5.3%			
AP-103				0.1%		46.7%	0.1%		0.5%					27.8%	0.1%				0.1%		0.1%				0.3%			
AP-104															100.0%													
AP-105	0.1%		0.1%	0.4%	0.2%	15.2%	0.9%		3.6%			0.2%		6.2%	0.5%		0.2%		0.8%		0.6%				1.8%			
AP-106	0.1%		0.1%	0.4%	0.1%	23.6%	0.7%		2.9%			0.1%		8.3%	0.4%		0.2%		0.6%		0.5%				1.5%			
AP-107																												
AP-108						58.3%			0.1%					11.6%											0.1%			
AW-101	0.2%	0.1%	0.1%	0.8%	0.3%	12.4%	1.6%		6.1%			0.2%		7.5%	1.2%		0.5%		1.4%		1.0%				3.8%			
AW-102	0.1%		0.1%	0.4%	0.2%	14.3%	0.9%		4.0%			0.2%		5.7%	0.6%		0.2%		0.9%		0.7%				1.6%			
AW-103						0.1%																						
AW-104																												
AW-105	0.1%		0.1%	0.4%	0.2%	12.2%	0.9%		3.2%			0.1%		5.5%	0.5%		0.2%		0.7%		0.5%				1.9%			
AW-106	0.1%		0.1%	0.4%	0.2%	15.9%	0.9%		3.8%			0.2%		5.7%	0.6%		0.2%		0.8%		0.8%				1.7%			
AY-101	0.1%	0.1%	0.1%	1.0%	0.6%	5.4%	19.6%		47.1%			0.1%		2.5%	0.5%		0.8%		1.0%		1.7%				4.6%			
AY-102						74.4%			0.1%					22.8%														
AZ-101	0.1%			0.5%	0.2%	2.6%	0.9%		2.6%			0.1%		0.9%	0.3%		0.1%		0.5%		0.4%				1.6%			
AZ-102						6.0%	0.1%		0.1%					0.6%											0.2%			
SY-101	0.3%	0.1%	0.3%	1.2%	0.4%	8.2%	3.3%		21.8%			2.1%		7.7%	2.6%		0.7%		5.0%		4.0%				0.3%			
SY-102														75.7%														
SY-103	0.3%	0.1%	0.2%	1.4%	0.5%	7.9%	3.5%		20.7%			2.3%		7.3%	2.4%		0.6%		4.8%		4.0%				2.4%			

WSTRS3.45b	S2-SltSlr	A1 in	A1-SltCk	A2 in	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF	other	total
A-101													100.0%
A-102													100.0%
A-103													100.0%
A-104													0.0%
A-105												0.1%	99.9%
A-106													100.0%
AX-101													100.0%
AX-102													100.0%
AX-103													100.0%
AX-104													0.0%
B-101													0.0%
B-102												0.1%	99.9%
B-103												0.2%	99.8%
B-104													100.0%
B-105												0.2%	99.8%
B-106												0.1%	99.9%
B-107												0.1%	99.9%
B-108												0.1%	99.9%
B-109													100.0%
B-110													100.0%
B-111												0.1%	99.9%
B-112													100.0%
B-201													0.0%
B-202													100.0%
B-203													100.0%
B-204													100.0%
BX-101													100.0%
BX-102												0.1%	99.9%
BX-103												0.2%	99.8%
BX-104													100.0%
BX-105													100.0%
BX-106												0.2%	99.8%
BX-107												0.1%	99.9%
BX-108													0.0%
BX-109													100.0%
BX-110													100.0%
BX-111												0.2%	99.8%
BX-112												0.2%	99.8%
BY-101													0.0%
BY-102												0.3%	99.7%
BY-103													100.0%
BY-104													0.0%
BY-105													100.0%
BY-106													0.0%
BY-107												0.1%	99.9%
BY-108													100.0%
BY-109													0.0%

WSTRS3.45b	S2-SltSlr	A1 in	A1-SltCk	A2 in	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF	other	total
BY-110												0.1%	99.9%
BY-111													0.0%
BY-112												0.3%	99.7%
C-101													0.0%
C-102												0.1%	99.9%
C-103												0.3%	99.7%
C-104													100.0%
C-105												0.2%	99.8%
C-106													100.0%
C-107													100.0%
C-108													0.0%
C-109													0.0%
C-110												0.2%	99.8%
C-111													100.0%
C-112												0.2%	99.8%
C-201													0.0%
C-202													0.0%
C-203													100.0%
C-204													100.0%
S-101												0.1%	99.9%
S-102													100.0%
S-103													100.0%
S-104													100.0%
S-105												0.2%	99.8%
S-106												0.1%	99.9%
S-107													100.0%
S-108												0.2%	99.8%
S-109												0.1%	99.9%
S-110												0.1%	99.9%
S-111													100.0%
S-112												0.1%	99.9%
SX-101													100.0%
SX-102													100.0%
SX-103													100.0%
SX-104													100.0%
SX-105													100.0%
SX-106													100.0%
SX-107													100.0%
SX-108													100.0%
SX-109													100.0%
SX-110													0.0%
SX-111												0.2%	99.8%
SX-112													100.0%
SX-113													100.0%
SX-114												0.3%	99.7%
SX-115													0.0%
U-101													0.0%

WSTRS3.45b	S2-SltSlr	A1 in	A1-SltCk	A2 in	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF	other	total
U-102												0.1%	99.9%
U-103													100.0%
U-104												0.1%	99.9%
U-105												0.1%	99.9%
U-106													100.0%
U-107													100.0%
U-108													100.0%
U-109												0.1%	99.9%
U-110													0.0%
U-111												0.1%	99.9%
U-112													0.0%
U-201													100.0%
U-202													0.0%
U-203													100.0%
U-204													0.0%
T-101												0.1%	99.9%
T-102													0.0%
T-103												0.2%	99.8%
T-104												0.1%	99.9%
T-105													0.0%
T-106													0.0%
T-107													0.0%
T-108													0.0%
T-109													0.0%
T-110													100.0%
T-111													100.0%
T-112													0.0%
T-201													0.0%
T-202													0.0%
T-203													0.0%
T-204													0.0%
TX-101													100.0%
TX-102													100.0%
TX-103													100.0%
TX-104												0.1%	99.9%
TX-105												0.1%	99.9%
TX-106												0.1%	99.9%
TX-107												0.1%	99.9%
TX-108												0.1%	99.9%
TX-109												0.1%	99.9%
TX-110												0.1%	99.9%
TX-111												0.1%	99.9%
TX-112												0.1%	99.9%
TX-113													100.0%
TX-114													100.0%
TX-115													100.0%
TX-116												0.2%	99.8%

WSTRS3.45b	S2-SltSlr	A1 in	A1-SltCk	A2 in	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF	other	total
TX-117												0.2%	99.8%
TX-118												0.1%	99.9%
TY-101													100.0%
TY-102												0.1%	99.9%
TY-103													100.0%
TY-104													0.0%
TY-105													100.0%
TY-106													0.0%
AN-101							4.7%	2.2%				0.1%	99.9%
AN-102							3.5%	0.1%					100.0%
AN-103							19.3%	10.0%				0.1%	99.9%
AN-104							17.5%	5.8%				0.1%	99.9%
AN-105							10.9%	0.6%				0.1%	99.9%
AN-106							0.2%	0.1%					100.0%
AN-107							2.3%					0.1%	99.9%
AP-101							9.2%	5.0%			71.1%	0.3%	99.7%
AP-102							0.2%	0.1%			0.2%		100.0%
AP-103						3.2%	4.0%	1.9%			5.2%	0.4%	99.6%
AP-104													100.0%
AP-105							30.0%	15.8%			12.8%	0.2%	99.8%
AP-106						0.1%	24.9%	12.8%			12.8%	0.2%	99.8%
AP-107											100.0%		100.0%
AP-108						1.8%	12.2%	0.2%			14.3%	0.3%	99.7%
AW-101							29.1%	14.6%				0.1%	99.9%
AW-102							31.6%	15.1%			11.9%	0.2%	99.8%
AW-103							4.5%	95.1%				0.3%	99.7%
AW-104							99.8%					0.2%	99.8%
AW-105							30.1%	28.5%			4.5%	0.2%	99.8%
AW-106							30.1%	14.6%			13.0%	0.2%	99.8%
AY-101							2.7%	0.1%				0.1%	99.9%
AY-102						1.2%	0.3%	0.1%			0.2%	0.2%	99.8%
AZ-101						82.8%	1.3%					0.3%	99.7%
AZ-102						89.1%	2.9%					0.4%	99.6%
SY-101													100.0%
SY-102							0.1%					0.2%	99.8%
SY-103													100.0%

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	224	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1	OWW2	OWW3	Z	HS
A-101				0.1%			0.2%	0.2%					0.9%	0.2%	1.4%	1.1%	0.2%	0.3%		0.7%	0.6%	0.7%	1.4%	0.3%	0.2%	0.6%	1.1%	0.9%
A-102																												
A-103							0.1%	0.1%					0.3%	0.1%	0.5%	0.4%	0.1%	0.1%		0.3%	0.2%	0.3%	0.5%	0.1%	0.1%	0.3%	0.4%	0.4%
A-104																												
A-105																												
A-106													0.1%		0.2%	0.1%				0.1%	0.1%	0.1%	0.2%			0.1%	0.1%	0.1%
AX-101				0.1%			0.1%	0.2%					0.7%	0.2%	1.1%	0.9%	0.2%	0.3%		0.5%	0.5%	0.5%	1.1%	0.2%	0.2%	0.5%	0.9%	0.7%
AX-102													0.1%		0.1%	0.1%							0.1%				0.1%	
AX-103													0.1%		0.1%	0.1%				0.1%	0.1%	0.1%	0.1%			0.1%	0.1%	0.1%
AX-104																												
B-101																												
B-102																												
B-103																												
B-104																												
B-105																												
B-106																												
B-107																												
B-108																												
B-109																												
B-110																												
B-111																												
B-112																												
B-201																												
B-202							0.5%																					
B-203																												
B-204																												
BX-101																												
BX-102																												0.1%
BX-103																												
BX-104													0.1%		0.1%	0.1%				0.1%			0.1%				0.1%	0.1%
BX-105																												
BX-106																												
BX-107																												
BX-108																												
BX-109																												
BX-110																												
BX-111																												
BX-112																												
BY-101																												
BY-102																												
BY-103																												
BY-104																												
BY-105																												
BY-106																												
BY-107																												
BY-108																												
BY-109																												
BY-110																												
BY-111																												

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	224	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1	OWW2	OWW3	Z	HS
BY-112																												
C-101																												
C-102																												
C-103																												0.2%
C-104																												
C-105																												
C-106																												
C-107																												
C-108																												
C-109																												
C-110																												
C-111																												
C-112																												
C-201																												
C-202																												
C-203																												0.1%
C-204																												3.9%
S-101							0.1%	0.1%					0.4%	0.1%	0.6%	0.4%	0.1%	0.1%		0.2%	0.2%	0.2%	0.6%	0.1%	0.1%	0.2%	0.4%	0.3%
S-102				0.1%			0.2%	0.2%					0.9%	0.2%	1.4%	1.1%	0.1%	0.2%		0.5%	0.4%	0.5%	1.4%	0.2%	0.1%	0.4%	1.1%	0.5%
S-103				0.1%			0.1%	0.1%					0.6%	0.2%	0.9%	0.7%	0.1%	0.1%		0.3%	0.2%	0.3%	1.0%	0.1%	0.1%	0.3%	0.8%	0.3%
S-104																												
S-105				0.1%				0.1%					2.1%	0.2%	2.2%	0.8%	0.1%	0.1%		0.1%	0.1%	0.2%	0.9%	0.1%	0.1%	0.2%		0.2%
S-106								0.1%					1.9%	0.2%	1.9%	0.8%	0.1%	0.1%		0.4%	0.1%	0.2%	0.8%	0.1%	0.1%	0.2%		0.2%
S-107													0.2%		0.2%	0.2%				0.1%	0.1%	0.1%	0.2%			0.1%	0.2%	0.1%
S-108				0.1%				0.1%					2.6%	0.3%	2.8%	1.1%	0.1%	0.2%		0.2%	0.2%	0.3%	1.2%	0.1%	0.1%	0.3%		0.3%
S-109				0.1%				0.1%					2.4%	0.3%	2.6%	1.0%	0.1%	0.2%		0.3%	0.2%	0.3%	1.1%	0.1%	0.1%	0.3%		0.3%
S-110								0.1%					0.7%	0.1%	0.8%	0.4%	0.1%	0.1%		0.3%	0.2%	0.3%	0.5%	0.1%		0.3%	0.2%	0.3%
S-111				0.1%			0.1%	0.1%					1.9%	0.3%	2.0%	0.9%	0.1%	0.2%		0.5%	0.3%	0.4%	1.1%	0.1%	0.1%	0.3%	0.3%	0.4%
S-112				0.1%				0.1%					2.7%	0.3%	3.0%	1.1%	0.1%	0.2%		0.3%	0.2%	0.3%	1.3%	0.1%	0.1%	0.3%		0.3%
SX-101													0.2%		0.2%	0.2%				0.1%	0.1%	0.1%	0.2%			0.1%	0.2%	0.1%
SX-102				0.2%			0.3%	0.3%				0.1%	1.1%	0.4%	1.7%	1.5%	0.2%	0.3%		0.7%	0.6%	0.8%	1.9%	0.3%	0.2%	0.7%	1.6%	0.9%
SX-103				0.2%			0.5%	0.3%	0.1%			0.1%	1.1%	0.4%	1.8%	1.8%	0.2%	0.4%		0.7%	0.6%	0.8%	2.3%	0.3%	0.2%	0.7%	2.0%	0.8%
SX-104				0.1%			0.2%	0.2%				0.1%	1.1%	0.3%	1.6%	1.2%	0.2%	0.2%		0.6%	0.5%	0.6%	1.5%	0.2%	0.1%	0.5%	1.2%	0.7%
SX-105				0.2%			0.3%	0.3%	0.1%			0.1%	1.5%	0.4%	2.2%	1.6%	0.2%	0.4%		0.9%	0.7%	0.9%	2.1%	0.3%	0.2%	0.8%	1.6%	1.1%
SX-106				0.2%			0.3%	0.2%				0.1%	1.2%	0.3%	1.8%	1.5%	0.2%	0.3%		0.6%	0.5%	0.6%	1.9%	0.2%	0.2%	0.6%	1.6%	0.6%
SX-107														0.1%														
SX-108														0.1%														
SX-109														0.1%														
SX-110																												
SX-111																												
SX-112														0.5%														
SX-113													0.1%															
SX-114																												
SX-115																												
U-101																												
U-102				0.1%			0.2%	0.2%				0.1%	0.6%	0.2%	1.2%	1.2%	0.2%	0.2%		0.4%	0.4%	0.5%	1.5%	0.2%	0.1%	0.5%	1.2%	0.4%
U-103				0.2%			0.2%	0.2%				0.1%	0.8%	0.3%	1.6%	1.4%	0.2%	0.3%		0.5%	0.5%	0.6%	1.8%	0.2%	0.2%	0.6%	1.6%	0.6%
U-104													0.1%	0.1%	0.8%	1.2%	0.1%	0.2%				0.2%	1.2%	0.1%	0.1%	0.2%		
U-105				0.1%			0.2%	0.2%				0.1%	0.8%	0.3%	1.5%	1.3%	0.2%	0.3%		0.5%	0.4%	0.6%	1.7%	0.2%	0.2%	0.5%	1.5%	0.6%

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	224	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1	OWW2	OWW3	Z	HS
U-106				0.1%			0.1%	0.1%					0.5%	0.1%	0.6%	0.5%	0.1%	0.1%		0.4%	0.3%	0.3%	0.6%	0.1%	0.1%	0.3%	0.5%	0.4%
U-107				0.1%			0.2%	0.2%					0.7%	0.2%	1.1%	0.9%	0.1%	0.2%		0.4%	0.3%	0.4%	1.2%	0.2%	0.1%	0.4%	1.0%	0.4%
U-108				0.1%			0.2%	0.2%					1.1%	0.3%	1.4%	1.0%	0.1%	0.2%		0.6%	0.5%	0.6%	1.3%	0.2%	0.1%	0.5%	0.9%	0.9%
U-109				0.1%			0.2%	0.2%				0.1%	1.1%	0.3%	1.5%	1.1%	0.2%	0.3%		0.8%	0.6%	0.6%	1.5%	0.2%	0.1%	0.6%	1.0%	0.9%
U-110																												
U-111				0.1%			0.1%	0.1%					0.5%	0.1%	0.7%	0.6%	0.1%	0.1%		0.2%	0.2%	0.2%	0.7%	0.1%	0.1%	0.2%	0.6%	0.2%
U-112																												
U-201																												
U-202																												
U-203																												
U-204																												
T-101							0.2%									0.1%							0.1%				0.1%	
T-102																												
T-103																												
T-104																												
T-105																												
T-106																												
T-107																												
T-108																												
T-109																												
T-110																												
T-111																												
T-112																												
T-201																												
T-202																												
T-203																												
T-204																												
TX-101																												
TX-102				0.1%				0.1%					0.2%	0.1%	0.5%	0.8%	0.1%	0.2%		0.1%	0.2%	0.3%	1.2%	0.1%	0.1%	0.3%	1.1%	0.1%
TX-103							0.1%	0.1%					0.1%	0.1%	0.2%	0.3%		0.1%		0.1%	0.1%	0.1%	0.5%			0.1%	0.5%	
TX-104															0.1%	0.2%						0.1%	0.2%			0.1%	0.3%	
TX-105				0.3%				0.4%	0.1%			0.1%	0.6%	0.4%	1.7%	2.7%	0.3%	0.5%		0.2%	0.6%	0.8%	3.8%	0.3%	0.3%	0.9%	2.6%	0.4%
TX-106				0.2%				0.2%				0.1%	0.3%	0.2%	0.8%	1.3%	0.2%	0.2%		0.2%	0.3%	0.4%	1.8%	0.2%	0.2%	0.4%	1.9%	0.2%
TX-107																												
TX-108								0.1%					0.1%	0.1%	0.3%	0.4%		0.1%			0.1%	0.1%	0.6%	0.1%		0.1%	0.5%	0.1%
TX-109																												
TX-110				0.2%				0.3%	0.1%			0.1%	0.4%	0.3%	1.1%	1.7%	0.2%	0.3%		0.3%	0.4%	0.5%	2.4%	0.2%	0.2%	0.5%	2.3%	0.2%
TX-111				0.2%				0.2%				0.1%	0.3%	0.2%	0.8%	1.3%	0.2%	0.2%		0.2%	0.3%	0.4%	1.8%	0.2%	0.2%	0.4%	1.8%	0.2%
TX-112			0.1%	0.3%				0.5%	0.1%		0.1%	0.1%	0.6%	0.4%	1.9%	3.0%	0.3%	0.5%		0.2%	0.7%	1.0%	4.1%	0.4%	0.3%	1.0%	1.2%	0.4%
TX-113				0.2%				0.3%	0.1%			0.1%	0.4%	0.3%	1.8%	2.9%	0.3%	0.4%		0.1%	0.4%	0.7%	3.4%	0.3%	0.3%	0.8%	0.5%	0.2%
TX-114			0.1%	0.3%				0.4%	0.1%			0.1%	0.5%	0.3%	1.8%	2.8%	0.3%	0.4%		0.2%	0.5%	0.8%	3.5%	0.3%	0.3%	0.8%	1.0%	0.3%
TX-115			0.1%	0.3%				0.4%	0.1%			0.1%	0.6%	0.4%	2.1%	3.4%	0.4%	0.5%		0.2%	0.5%	0.9%	4.2%	0.4%	0.4%	0.9%	1.6%	0.3%
TX-116				0.1%				0.1%				0.1%	0.2%	0.1%	1.2%	1.7%	0.2%	0.2%			0.1%	0.2%	1.9%	0.2%	0.2%	0.3%		
TX-117				0.1%		0.1%		0.2%	0.1%			0.2%	0.3%	0.3%	2.4%	3.7%	0.4%	0.5%			0.1%	0.5%	4.0%	0.4%	0.5%	0.7%		0.1%
TX-118				0.1%				0.1%					0.2%	0.1%	0.4%	0.4%	0.1%	0.1%		0.1%	0.1%	0.1%	0.6%	0.1%	0.1%	0.1%	0.6%	0.1%
TY-101																												
TY-102															0.1%	0.1%							0.2%				0.2%	
TY-103															0.1%	0.2%						0.1%	0.3%			0.1%	0.1%	
TY-104																												

WSTRS3.45b	MW1	MW2	1C1	1C2	2C1	2C2	224	UR/TBP	PFeCN1	PFeCN2	TFeCN	1CFeCN	R1	R2	CWR1	CWR2	P1	P2	P2'	PL1	CWP1	CWP2	CWZr1	OWW1	OWW2	OWW3	Z	HS
TY-105								0.4%																				
TY-106																												
AN-101								0.1%					1.1%	0.1%	1.1%	0.5%		0.1%		0.1%	0.1%	0.2%	0.5%	0.1%	0.1%	0.2%	0.2%	0.2%
AN-102				0.2%		0.1%	0.3%	0.3%	0.1%		0.1%	0.1%	1.6%	0.4%	2.4%	2.0%	0.4%	0.5%		1.0%	0.9%	1.1%	2.5%	0.4%	0.4%	1.0%	2.7%	1.3%
AN-103				0.1%		0.1%	0.1%	0.3%				0.1%	1.2%	0.3%	1.9%	1.8%	0.2%	0.4%		0.5%	0.8%	1.0%	2.1%	0.3%	0.2%	1.0%	5.0%	1.0%
AN-104				0.1%			0.1%	0.2%				0.1%	0.9%	0.3%	1.5%	1.5%	0.2%	0.3%		0.5%	0.5%	0.7%	1.9%	0.3%	0.2%	0.7%	3.0%	0.7%
AN-105			0.1%	0.3%		0.1%	0.2%	0.5%	0.1%	0.1%	0.1%	0.2%	1.7%	0.6%	3.4%	3.7%	0.5%	0.7%		0.9%	1.0%	1.3%	4.6%	0.6%	0.5%	1.4%	11.0%	1.2%
AN-106																												
AN-107				0.1%			0.1%	0.2%					0.6%	0.2%	1.1%	1.1%	0.2%	0.3%		0.5%	0.7%	0.7%	1.4%	0.3%	0.2%	0.7%	2.1%	1.0%
AP-101															0.1%	0.1%							0.1%				0.4%	
AP-102				0.1%			0.1%	0.2%					0.8%	0.2%	1.3%	1.0%	0.2%	0.3%		0.5%	0.4%	0.5%	1.3%	0.2%	0.2%	0.5%	1.4%	0.6%
AP-103																											2.1%	
AP-104																												
AP-105				0.1%			0.1%	0.1%					0.4%	0.1%	0.7%	0.6%	0.1%	0.1%		0.2%	0.3%	0.4%	0.7%	0.1%	0.1%	0.4%	4.3%	0.4%
AP-106								0.1%					0.2%		0.2%	0.2%		0.1%		0.1%	0.1%	0.1%	0.3%			0.1%	2.2%	0.2%
AP-107																												
AP-108																											0.2%	
AW-101				0.2%		0.1%	0.2%	0.4%	0.1%	0.1%	0.1%	0.1%	1.2%	0.3%	1.9%	1.7%	0.3%	0.4%		0.6%	1.0%	1.2%	2.1%	0.3%	0.3%	1.3%	9.4%	1.3%
AW-102				0.1%			0.1%	0.1%					0.4%	0.1%	0.5%	0.5%	0.1%	0.1%		0.2%	0.2%	0.3%	0.6%	0.1%	0.1%	0.3%	2.8%	0.3%
AW-103																												
AW-104																												
AW-105								0.1%					0.1%		0.2%	0.2%				0.1%	0.1%	0.1%	0.2%			0.1%	1.6%	0.2%
AW-106							0.1%	0.1%					0.4%	0.1%	0.6%	0.5%	0.1%	0.1%		0.2%	0.3%	0.3%	0.6%	0.1%	0.1%	0.3%	3.2%	0.3%
AY-101													0.1%	0.1%	0.1%	0.1%					0.1%	0.1%	0.1%			0.1%	0.2%	0.1%
AY-102																											0.1%	
AZ-101															0.1%	0.1%							0.1%				0.1%	
AZ-102																											0.1%	
SY-101			0.1%	0.4%		0.1%	0.7%	0.6%	0.1%	0.1%	0.1%	0.2%	2.8%	0.8%	4.3%	3.8%	0.5%	0.8%		1.8%	1.4%	1.7%	4.9%	0.7%	0.5%	1.7%	4.2%	1.9%
SY-102																											3.1%	
SY-103				0.2%			0.3%	0.3%	0.1%			0.1%	1.4%	0.4%	2.2%	1.8%	0.3%	0.4%		0.8%	0.7%	0.8%	2.4%	0.3%	0.2%	0.8%	1.9%	0.9%
CRIB	1.5%		56.8%	55.6%	98.0%	94.5%	92.4%	7.5%	81.3%	94.3%	89.9%	68.4%					0.1%				4.8%			0.3%				
CSR						0.3%		1.2%	0.4%	0.1%		0.1%	11.2%	17.4%	0.5%	1.1%	75.8%	63.5%		51.2%	4.5%	6.6%	1.2%	67.4%	72.0%	6.8%		0.3%
GROUT																												
LEAK	0.4%		0.1%										0.5%	0.7%	0.2%	1.6%							0.1%					
R202S													1.5%	2.3%	0.1%	0.7%												
SRR																	1.6%	1.6%		0.8%	0.1%	0.2%		1.9%	2.4%	0.3%		
TFeCN	0.2%		3.1%	1.3%	0.1%	1.9%		23.8%	8.2%		5.0%										1.8%							
AR						0.1%		0.1%									10.3%	12.4%		11.9%	0.3%	0.9%		10.1%	15.3%	1.9%		
UR	96.5%	99.9%	1.6%	5.7%	0.1%			4.5%	5.6%	0.6%																		
B-bot			18.0%	10.0%	0.9%	1.7%		19.9%	1.2%																			
BY-bot			0.7%	0.3%		0.1%	0.3%	2.3%	1.0%	3.7%	3.6%	0.1%	0.5%	0.3%	1.3%	1.6%	2.2%	7.6%		13.1%	65.1%	61.2%	1.9%	8.4%	0.5%	58.5%		66.7%
T1-bot	1.3%		18.0%	19.6%	0.9%			28.8%				27.9%																
R-bot											0.1%		35.1%	64.4%	15.1%	18.6%				0.1%	0.5%	1.1%	0.1%	0.1%		2.2%		0.3%
swpump																												
other	0.2%	0.1%	1.3%	0.7%		1.0%	0.4%	0.4%	1.2%	1.1%	1.1%	1.0%	0.4%	0.4%	0.2%	0.1%	0.5%	0.5%		0.4%	0.4%	0.3%	0.2%	0.4%	0.5%	0.4%	0.3%	0.4%
total	99.8%	99.9%	98.7%	99.3%	100.0%	99.0%	99.6%	99.6%	98.8%	98.9%	98.9%	99.0%	99.6%	99.6%	99.8%	99.9%	99.5%	99.5%	0.0%	99.6%	99.6%	99.7%	99.8%	99.6%	99.5%	99.6%	99.7%	99.6%

WSTRS3.45b	TH1	TH2	AR	B	BL	SRR	SRR'	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B'	B-SltCk	BL'	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in	S2-SltSlr
A-101	0.6%	0.6%	1.7%	0.3%	1.5%	5.0%		1.6%			2.3%		1.0%	1.2%		0.4%		1.4%		1.1%				7.6%				
A-102						0.1%																		0.2%				
A-103	0.2%	0.2%	0.7%	0.1%	0.6%	2.1%		0.6%			0.8%		0.4%	0.4%		0.1%		0.5%		0.4%				3.5%				
A-104																												
A-105																												
A-106	0.1%	0.1%	0.1%		0.2%	0.4%		0.2%			0.4%		0.1%	0.1%				0.2%		0.1%				0.5%				
AX-101	0.5%	0.5%	1.5%	0.2%	1.3%	4.3%		1.3%			1.8%		0.8%	0.9%		0.3%		1.1%		0.8%				7.1%				
AX-102					0.1%	0.2%		0.1%			0.1%		0.1%	0.1%				0.1%		0.1%				0.2%				
AX-103	0.1%	0.1%	0.1%		0.2%	0.5%		0.2%			0.2%		0.1%	0.1%				0.1%		0.1%				0.8%				
AX-104																												
B-101																												
B-102																												
B-103																												
B-104																0.1%												
B-105																												
B-106																												
B-107																												
B-108																												
B-109																								0.8%				
B-110																												
B-111																												
B-112																								0.1%				
B-201																												
B-202				0.1%									0.2%															
B-203																												
B-204																												
BX-101																												
BX-102																												
BX-103																												
BX-104			0.1%		0.1%	0.3%		0.1%			0.2%		0.1%	0.1%				0.1%		0.1%								
BX-105																												
BX-106																								0.2%				
BX-107																												
BX-108																												
BX-109																												
BX-110																												
BX-111																												
BX-112																												
BY-101																												
BY-102																								0.2%				
BY-103																												
BY-104																												
BY-105																												
BY-106																												
BY-107																												
BY-108																												
BY-109																												
BY-110																												
BY-111																												

WSTRS3.45b	TH1	TH2	AR	B	BL	SRR	SRR'	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B'	B-SltCk	BL'	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in	S2-SltSlr
BY-112																												
C-101																												
C-102																												
C-103			0.1%			1.1%																		0.4%				
C-104																												
C-105																												
C-106																												
C-107																												
C-108																												
C-109																												
C-110																												
C-111																												
C-112																												
C-201																												
C-202																												
C-203																												
C-204																												
S-101	0.2%	0.2%	0.1%		0.4%	0.5%		0.6%			0.9%		0.4%	0.5%		0.1%		0.5%		0.5%								
S-102	0.4%	0.4%	0.2%	0.1%	0.8%	1.2%		1.3%			10.5%		1.0%	1.0%		0.2%		1.3%		1.1%				0.1%				
S-103	0.2%	0.3%	0.1%		0.5%	0.8%		0.8%			5.3%		0.6%	0.6%		0.2%		0.9%		0.6%				0.1%				
S-104																												
S-105	0.1%	0.2%			0.3%	0.1%		0.8%					0.6%	0.8%				0.8%		0.8%								
S-106	0.1%	0.2%			0.6%	0.1%		1.2%					0.7%	1.3%				0.7%		2.0%								
S-107	0.1%	0.1%	0.2%		0.2%	0.5%		0.2%			0.3%		0.2%	0.2%		0.1%		0.2%		0.2%								
S-108	0.1%	0.3%			0.5%	0.2%		1.3%					0.9%	1.5%				1.0%		1.2%								
S-109	0.1%	0.3%			0.5%	0.2%		1.4%					0.9%	1.7%				1.0%		1.2%								
S-110	0.3%	0.2%			0.5%	0.4%		0.9%					0.4%	0.7%		0.2%		0.5%		0.9%								
S-111	0.3%	0.3%	0.1%		0.8%	0.5%		1.6%					0.9%	1.7%		0.2%		1.0%		2.1%				0.1%				
S-112	0.1%	0.3%			0.5%	0.2%		1.4%					1.0%	1.6%				1.1%		1.3%								
SX-101	0.1%	0.1%			0.1%	0.2%		0.2%			0.4%		0.1%	0.2%				0.2%		0.2%								
SX-102	0.6%	0.7%	0.3%	0.1%	1.3%	1.9%		2.1%					1.4%	1.7%		0.6%		1.9%		1.4%				0.3%				
SX-103	0.6%	0.7%	0.3%	0.1%	1.4%	2.2%		1.9%			0.2%		1.6%	1.5%		0.4%		2.3%		1.4%				0.1%				
SX-104	0.5%	0.5%	0.2%	0.1%	1.1%	1.5%		1.6%			0.8%		1.1%	1.5%		0.4%		1.4%		1.3%				0.1%				
SX-105	0.7%	0.8%	0.3%	0.1%	1.6%	2.2%		2.5%			0.7%		1.6%	2.4%		0.6%		2.0%		1.9%				0.1%				
SX-106	0.5%	0.6%	0.2%	0.1%	1.1%	1.6%		1.7%			11.3%		1.3%	1.3%		0.3%		1.8%		1.3%				0.1%				
SX-107																				0.6%								
SX-108																				2.0%								
SX-109																				0.6%								
SX-110																												
SX-111																												
SX-112																				0.2%								
SX-113																												
SX-114								0.1%												0.1%								
SX-115																												
U-101																												
U-102	0.4%	0.4%	0.2%		0.8%	1.3%		1.1%			2.2%		0.9%	0.8%		0.2%		1.4%		0.8%				0.1%				
U-103	0.5%	0.6%	0.2%	0.1%	1.0%	1.6%		1.4%			2.7%		1.2%	1.0%		0.3%		1.7%		1.0%				0.1%				
U-104	0.1%												0.5%					0.6%										
U-105	0.5%	0.5%	0.2%	0.1%	1.0%	1.6%		1.4%			0.4%		1.1%	1.0%		0.3%		1.7%		1.0%				0.1%				

WSTRS3.45b	TH1	TH2	AR	B	BL	SRR	SRR'	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B'	B-SltCk	BL'	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in	S2-SltSlr
U-106	0.3%	0.3%	0.1%		0.7%	0.9%		0.8%					0.5%	0.8%		0.3%		0.6%		0.6%				0.1%				
U-107	0.3%	0.4%	0.2%		0.7%	1.0%		1.1%			6.0%		0.8%	0.8%		0.2%		1.2%		0.8%				0.1%				
U-108	0.5%	0.5%	0.2%	0.1%	1.1%	1.6%		1.8%					1.3%	2.1%		0.4%		1.2%		1.4%				0.1%				
U-109	0.5%	0.5%	0.2%	0.1%	1.3%	1.9%		1.9%					1.1%	1.9%		0.5%		1.3%		1.4%								
U-110																												
U-111	0.2%	0.2%	0.1%		0.4%	0.6%		0.6%			2.1%		0.5%	0.5%		0.1%		0.7%		0.5%								
U-112																												
U-201																												
U-202																												
U-203																												
U-204																												
T-101						0.1%		0.1%										0.1%										
T-102																												
T-103																												
T-104																												
T-105																												
T-106																												
T-107																												
T-108																												
T-109																												
T-110																												
T-111																												
T-112																												
T-201																												
T-202																												
T-203																												
T-204																												
TX-101																												
TX-102	0.2%	0.3%	0.1%		0.3%	0.9%		0.4%					0.6%					1.2%		0.2%								
TX-103	0.1%	0.1%			0.1%	0.2%		0.2%					0.2%					0.5%		0.1%								
TX-104		0.1%			0.1%	0.2%		0.1%					0.1%					0.2%										
TX-105	0.7%	0.9%		0.1%	0.7%	0.2%		1.2%					1.9%			0.1%		3.7%		0.7%								
TX-106	0.3%	0.4%	0.1%		0.5%	0.8%		0.5%					0.9%			0.1%		1.8%		0.3%								
TX-107																												
TX-108	0.1%	0.1%			0.1%	0.1%		0.2%					0.3%					0.6%		0.1%								
TX-109																												
TX-110	0.4%	0.6%	0.1%	0.1%	0.6%	0.9%		0.7%					1.2%			0.1%		2.4%		0.4%								
TX-111	0.3%	0.4%	0.1%		0.5%	0.9%		0.5%					0.9%			0.1%		1.8%		0.3%								
TX-112	0.8%	1.0%		0.1%	0.6%	0.1%		1.2%					2.1%			0.1%		4.0%		0.7%								
TX-113	0.4%	0.7%		0.1%	0.3%			0.6%					1.7%			0.1%		2.6%		0.5%								
TX-114	0.6%	0.9%		0.1%	0.4%			0.8%					1.8%			0.1%		3.2%		0.6%								
TX-115	0.6%	0.8%		0.1%	0.6%	0.2%		0.9%					2.1%			0.1%		3.6%		0.7%								
TX-116	0.1%												0.8%					1.5%		0.1%								
TX-117	0.2%	0.1%											1.5%					2.4%		0.2%								
TX-118	0.1%	0.1%			0.2%	0.3%		0.3%			0.2%		0.3%	0.1%				0.6%		0.2%								
TY-101																												
TY-102								0.1%					0.1%					0.2%										
TY-103		0.1%						0.1%					0.1%					0.3%										
TY-104																												

WSTRS3.45b	TH1	TH2	AR	B	BL	SRR	SRR'	CSR	DE	CEM	NIT	Salt Slurry	DW	N	B'	B-SltCk	BL'	T1-SltCk	R in	RSltCk	T2 in	T2-SltCk	BY in	BY-SltCk	S1 in	S1-SltCk	S2 in	S2-SltSlr
TY-105																												
TY-106																												
AN-101	0.1%	0.2%	0.1%	0.1%	0.4%	0.4%		0.7%					0.5%	0.6%		1.1%		0.5%		0.6%				1.1%				
AN-102	0.9%	1.0%	2.5%	0.5%	3.5%	7.4%		3.7%			3.4%		2.3%	2.3%		0.5%		2.3%		1.7%				12.0%				
AN-103	0.8%	0.9%	0.9%	0.2%	5.2%	3.0%		1.5%			1.6%		3.3%	2.6%		0.7%		1.8%		1.1%				5.8%				
AN-104	0.5%	0.6%	1.1%	0.2%	3.6%	4.0%		1.4%			2.4%		2.6%	1.3%		0.3%		1.7%		1.0%				7.0%				
AN-105	1.1%	1.2%	1.8%	0.5%	7.6%	6.1%		2.6%			4.4%		7.7%	2.3%		0.5%		4.0%		1.8%				13.4%				
AN-106						0.1%					0.1%			0.5%										0.1%				
AN-107	0.7%	0.7%	2.4%	0.4%	2.4%	6.8%		1.4%			1.9%		2.0%	0.7%		0.3%		1.3%		0.7%				15.8%				
AP-101					0.5%	0.1%		0.1%			0.1%		0.2%	0.1%				0.1%						0.2%				
AP-102	0.4%	0.5%	0.6%	0.2%	1.3%	2.4%		1.2%			2.2%		1.3%	18.5%		0.2%		1.3%		1.0%				3.2%				
AP-103					2.6%								1.8%											0.1%				
AP-104														0.4%														
AP-105	0.3%	0.4%	0.4%	0.1%	5.4%	1.4%		0.7%			1.4%		2.5%	0.7%		0.3%		0.7%		0.4%				2.1%				
AP-106	0.1%	0.1%	0.1%		3.6%	0.5%		0.2%			0.5%		1.5%	0.3%		0.1%		0.2%		0.2%				0.8%				
AP-107																												
AP-108					3.2%								0.7%															
AW-101	1.1%	1.1%	1.2%	0.2%	6.7%	3.9%		1.8%			2.0%		4.7%	2.4%		1.1%		1.9%		1.2%				7.0%				
AW-102	0.3%	0.3%	0.3%	0.1%	3.6%	1.0%		0.5%			0.9%		1.6%	0.6%		0.2%		0.5%		0.4%				1.3%				
AW-103																												
AW-104																												
AW-105	0.1%	0.1%	0.1%		1.5%	0.5%		0.2%			0.3%		0.8%	0.3%		0.1%		0.2%		0.1%				0.8%				
AW-106	0.3%	0.3%	0.3%	0.1%	4.5%	1.1%		0.6%			1.2%		1.9%	0.6%		0.3%		0.6%		0.5%				1.6%				
AY-101	0.1%	0.1%	0.1%		0.3%	4.7%		1.4%			0.1%		0.2%	0.1%		0.2%		0.1%		0.2%				0.9%				
AY-102					1.8%								0.6%															
AZ-101			0.1%		0.1%	0.2%		0.1%			0.1%		0.1%	0.1%				0.1%		0.1%				0.3%				
AZ-102					0.2%																							
SY-101	1.4%	1.6%	1.2%	0.2%	3.2%	5.5%		4.6%			17.6%		3.4%	3.7%		1.1%		4.7%		3.3%				0.4%				
SY-102													2.6%															
SY-103	0.7%	0.8%	0.7%	0.1%	1.5%	2.9%		2.2%			9.7%		1.6%	1.7%		0.5%		2.2%		1.6%				1.6%				
CRIB													2.3%					7.1%										
CSR	2.7%		72.8%	47.2%	4.1%	2.1%		3.4%					5.6%			3.4%		3.9%		39.2%				1.0%				
GROUT														19.1%														
LEAK					0.1%			0.3%					0.1%							0.3%								
R202S																				4.1%								
SRR	0.2%		1.7%	2.3%		1.1%		0.2%					0.1%			0.1%												
TFeCN													0.1%			61.7%												
AR			2.8%	41.0%		1.3%		0.2%					0.8%			0.5%												
UR													0.9%															
B-bot													0.2%															
BY-bot	72.8%	71.2%	0.4%	4.1%	4.2%	0.1%		25.8%					4.0%	8.6%		18.9%		1.4%		0.7%								
T1-bot																												
R-bot	0.5%	0.8%			0.5%			1.4%								0.1%		0.2%		1.3%								
swpump																								0.2%				
other	0.3%	0.3%	0.4%	0.9%	0.4%	0.3%		0.3%			0.2%		0.2%	0.2%		0.5%		0.2%		0.4%				0.4%				
total	99.7%	99.7%	99.6%	99.1%	99.6%	99.7%	0.0%	99.7%	0.0%	0.0%	99.8%	0.0%	99.8%	99.8%	0.0%	99.5%	0.0%	99.8%	0.0%	99.6%	0.0%	0.0%	0.0%	99.6%	0.0%	0.0%	0.0%	0.0%

WSTRS3.45b	A1 in	A1-SltCk	A2 in	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF
A-101										
A-102										
A-103										
A-104										
A-105										
A-106										
AX-101										
AX-102										
AX-103										
AX-104										
B-101										
B-102										
B-103										
B-104										
B-105										
B-106										
B-107										
B-108										
B-109										
B-110										
B-111										
B-112										
B-201										
B-202										
B-203										
B-204										
BX-101										
BX-102										
BX-103										
BX-104										
BX-105										
BX-106										
BX-107										
BX-108										
BX-109										
BX-110										
BX-111										
BX-112										
BY-101										
BY-102										
BY-103										
BY-104										
BY-105										
BY-106										
BY-107										
BY-108										
BY-109										
BY-110										
BY-111										

WSTRS3.45b	A1 in	A1-SltCk	A2 in	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF
BY-112										
C-101										
C-102										
C-103										
C-104										
C-105										
C-106										
C-107										
C-108										
C-109										
C-110										
C-111										
C-112										
C-201										
C-202										
C-203										
C-204										
S-101										
S-102										
S-103										
S-104										
S-105										
S-106										
S-107										
S-108										
S-109										
S-110										
S-111										
S-112										
SX-101										
SX-102										
SX-103										
SX-104										
SX-105										
SX-106										
SX-107										
SX-108										
SX-109										
SX-110										
SX-111										
SX-112										
SX-113										
SX-114										
SX-115										
U-101										
U-102										
U-103										
U-104										
U-105										

WSTRS3.45b	A1 in	A1-SltCk	A2 in	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF
U-106										
U-107										
U-108										
U-109										
U-110										
U-111										
U-112										
U-201										
U-202										
U-203										
U-204										
T-101										
T-102										
T-103										
T-104										
T-105										
T-106										
T-107										
T-108										
T-109										
T-110										
T-111										
T-112										
T-201										
T-202										
T-203										
T-204										
TX-101										
TX-102										
TX-103										
TX-104										
TX-105										
TX-106										
TX-107										
TX-108										
TX-109										
TX-110										
TX-111										
TX-112										
TX-113										
TX-114										
TX-115										
TX-116										
TX-117										
TX-118										
TY-101										
TY-102										
TY-103										
TY-104										

WSTRS3.45b	A1 in	A1-SltCk	A2 in	A2-SltSlr	P3	PL2	CWZr2	BP /Cplx	BP /NCplx	PASF
TY-105										
TY-106										
AN-101						0.4%	0.5%			
AN-102						1.4%	0.1%			
AN-103					0.1%	8.6%	10.0%			
AN-104					0.1%	5.9%	4.4%			
AN-105					0.2%	6.9%	0.8%			
AN-106										
AN-107						0.6%				
AP-101						1.2%	1.4%			23.5%
AP-102							0.1%			0.1%
AP-103					2.3%	0.3%	0.3%			1.0%
AP-104										
AP-105						13.6%	16.0%			15.2%
AP-106					0.2%	4.9%	5.7%			6.7%
AP-107										26.4%
AP-108					1.3%	0.9%				2.7%
AW-101					0.1%	20.3%	22.9%			
AW-102						10.2%	10.9%			10.0%
AW-103						0.1%	4.4%			
AW-104						8.4%				
AW-105						4.9%	10.3%			1.9%
AW-106						11.0%	12.0%			12.5%
AY-101						0.2%				
AY-102					0.4%					
AZ-101					60.6%	0.1%				
AZ-102					34.5%	0.1%				
SY-101										
SY-102										
SY-103										
CRIB										
CSR										
GROUT							0.1%			
LEAK										
R202S										
SRR										
TFeCN										
AR										
UR										
B-bot										
BY-bot										
T1-bot										
R-bot										
swpump										
other					0.2%	0.1%	0.1%			
total	0.0%	0.0%	0.0%	0.0%	99.8%	99.9%	99.9%	0.0%	0.0%	100.0%