

US EPA ARCHIVE DOCUMENT

SESSION 1

Shifting Thinking from the 2005 Goals to the 2008 Goals and Remedy Selection

RCRA CORRECTIVE ACTION 2008 AND 2020 GOALS

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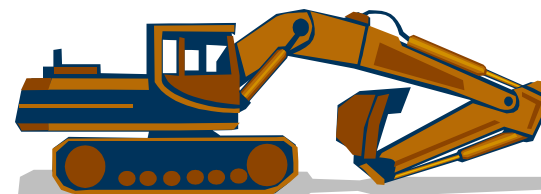
Agenda: 2008 and 2020 Goals

- ▶ Overview of the 2008 Goals
 - CA400
 - CA550
- ▶ 2020 Corrective Action Initiative



Final FY 2008 Goals

- ▶ Site Assessment: 100%
- ▶ Human Exposure EI: 95%
 - CA725
- ▶ Groundwater EI: 80%
 - CA750
- ▶ Remedy Select: 30%
 - CA400
- ▶ Construction Complete: 20%
 - CA550



CA 400 Defined

- ▶ Remedy Decision
 - The event when the State or EPA formally selects a remedy designed to meet the RCRA Corrective Action long-term goals of protection of human health and the environment
 - Also applies when no further action is required because stabilization measures have been implemented or because site characterization demonstrates that corrective action goals have been achieved
 - Site-wide remedy decisions must be linked to the “Entire Facility”



CA 550 Defined

▶ Remedy Construction

- The event when the State or EPA acknowledges in writing that the RCRA facility has completed construction of a facility's remedy that was designed to achieve long-term protection of human health and the environment
- Requires that the remedy is functioning as designed, whether or not final cleanup goals or other requirements have been achieved
- Applies when construction is complete or documentation of no physical construction of a remedy is needed

Status Codes

- NR (No Remedy Constructed)
- RC (Remedy Constructed)



Final 2008 Baseline: Where We Are Now

Region	GPRA 2008 Baseline Facilities	Site Assessment %	Human Exposure EI CA725 %	Groundwater EI CA750 %	Remedy Selection CA400 %	Construction Complete CA550 %
1	190	98.4%	73.2%	58.4%	6.8%	4.7%
2	164	100.0%	65.9%	53.0%	28.0%	13.4%
3	289	98.6%	87.5%	69.9%	22.1%	6.6%
4	308	98.7%	73.7%	62.0%	13.0%	4.2%
5	399	99.7%	61.7%	53.6%	17.5%	8.8%
6	233	100.0%	75.1%	65.7%	8.2%	3.0%
7	109	100.0%	81.7%	66.1%	28.4%	19.3%
8	60	96.7%	78.3%	80.0%	36.7%	18.3%
9	164	99.4%	67.7%	42.1%	14.0%	7.9%
10	52	98.1%	65.4%	55.8%	30.8%	30.8%
Total	1968	99.2%	72.6%	59.8%	17.5%	8.4%
2008 Goal:		100%	95%	80%	30%	20%



2008 and 2020 Goals

Remedy Selection (CA400)

Region 4 Annual Targets

2008	FY 2006			FY 2007			FY 2008		
Baseline	Annual Goal	Cumulative Goal	% FY06 Goal	Annual Goal	Cumulative Goal	% FY07 Goal	Annual Goal	Cumulative Goal	% FY08 Goal
308	20	55	18%	15	70	23%	7	77	25%

Regional Annual Targets

Region	2008 Baseline	FY 2006			FY 2007			FY 2008		
		Annual Goal	Cumulative Goal	Percent FY06 Goal	Annual Goal	Cumulative Goal	Percent FY07 Goal	Annual Goal	Cumulative Goal	Percent FY08 Goal
1	190	9	19	10%	9	28	15%	12	40	21%
2	164	12	54	33%	10	64	39%	6	70	43%
3	289	4	72	25%	5	79	27%	8	87	30%
4	308	20	55	18%	15	70	23%	7	77	25%
5	399	12	79	20%	15	94	24%	26	120	30%
6	233	4	33	14%	9	42	18%	16	58	25%
7	109	3	37	34%	3	40	37%	4	44	40%
8	60	5	25	42%	3	28	47%	2	30	50%
9	164	15	17	10%	17	34	21%	16	50	30%
10	52	5	24	46%	1	25	48%	5	30	58%
National	1968	89	415	21%	89	504	26%	102	606	31%



Construction Completion (CA550)

Region 4 Annual Targets

2008	FY 2006			FY 2007			FY 2008		
Baseline	Annual Goal	Cumulative Goal	% FY06 Goal	Annual Goal	Cumulative Goal	% FY07 Goal	Annual Goal	Cumulative Goal	% FY08 Goal
308	8	18	6%	10	28	9%	18	46	15%

Regional Annual Targets

Region	2008 Baseline	FY 2006			FY 2007			FY 2008		
		Annual Goal	Cumulative Goal	Percent FY06 Goal	Annual Goal	Cumulative Goal	Percent FY07 Goal	Annual Goal	Cumulative Goal	Percent FY08 Goal
1	190	9	19	10%	8	27	14%	11	38	20%
2	164	11	32	20%	6	38	23%	8	46	28%
3	289	1	36	12%	4	40	14%	3	43	15%
4	308	8	18	6%	10	28	9%	18	46	15%
5	399	6	52	13%	15	67	17%	13	80	20%
6	233	4	30	13%	7	37	16%	10	47	20%
7	109	2	27	25%	3	30	28%	3	33	30%
8	60	2	11	18%	3	14	23%	4	18	30%
9	164	9	9	5%	8	17	10%	8	25	15%
10	52	4	22	42%	1	23	44%	5	28	54%
National	1968	56	256	13%	65	321	16%	83	404	21%

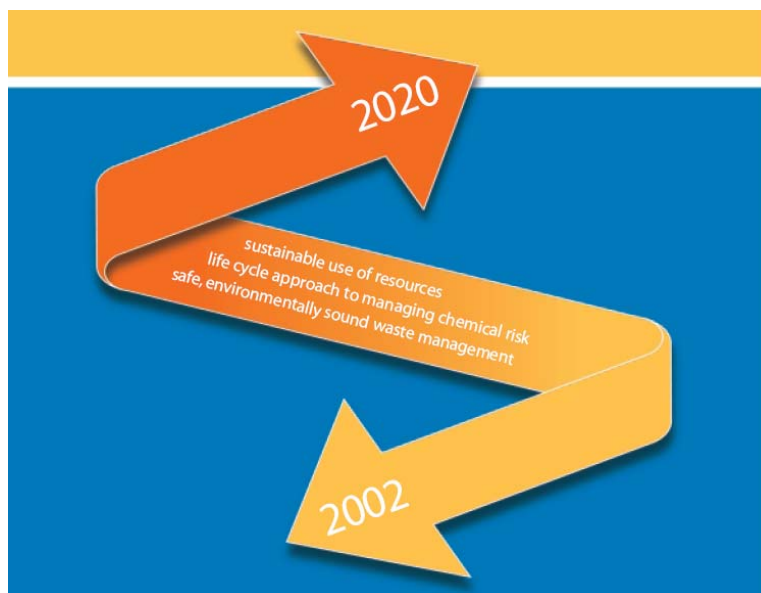
Challenges to Meeting 2008 Goals

- ▶ Selecting and completing final remedies at operating facilities.
- ▶ Attrition of staff with expertise in working with facilities to select final remedies.



2020 Corrective Action Initiative

- ▶ Inspirational goal from the 2003 RCRA vision paper: *Beyond RCRA: Waste and Materials Management in the Year 2020*
- ▶ Established a corrective action 2020 workgroup of states and EPA to develop an implementation strategy



2020 Corrective Action Baseline

- ▶ Workgroup recommended including:
 - Facilities currently on the 2008 baseline for corrective action
 - Other facilities that are on the permitting track (2006 permitting baseline)
 - Any other facilities deemed appropriate and important by the region or authorized state to address through the RCRA corrective action program



2020 Goal

- ▶ What does it mean to “largely complete” corrective action at all facilities by 2020?
- ▶ The workgroup recommended remedy construction complete at all facilities as the 2020 goal



To Achieve the 2020 Goal....

- ▶ EPA and states will need to come up with a new way of doing business that is focused on achieving environmental results at all facilities by 2020
- ▶ Businesses will need to accept full responsibility and accountability for all their facilities

To Achieve the 2020 Goal....

- ▶ Consultants offer performance-based bids to industry
- ▶ Demonstrate clean, environmentally responsible plans
- ▶ Local governments facilitate widespread public participation



2008 and 2020 Goals

Implementing the 2020 Corrective Action Initiative

- ▶ We need to explore innovative ideas like:
 - Use of third-party site professionals to oversee the cleanup process
 - Enroll RCRA facilities in streamlined state response programs
 - Develop an “Oversight Light” model with a few key check-in points



2008 and 2020 Goals

Developing the 2020 Challenge Implementation Strategy

- ▶ Gather and sort the ideas from National Corrective Action Conference
- ▶ Develop a written implementation plan
- ▶ Develop the universe of facilities
- ▶ Develop the desired end state for facilities
- ▶ Develop measures for achieving the 2020 Challenge



2020 Challenges

- ▶ Incorporate the 2020 goal into a future EPA strategic plan
- ▶ Develop the 2020 baseline list of facilities (FY08)
- ▶ Develop ways to accelerate the cleanup progress
- ▶ Develop and provide training as necessary
- ▶ Develop strategies for measuring and reporting annual progress toward meeting the 2020 goal

