

SPARTON TECHNOLOGY, INC. BRIEF REGULATORY CHRONOLOGY  
(NOVEMBER 14, 1995)

- 1961: Sparton Tech (ST) opened facility and discharged spent cleaning solvents (e.g. TCE, TCA, PCE, 1,1-DCE, MeCl) to an unlined sump and aqueous plating wastes (e.g. Cr) to two ponds.
- Oct. 1980: ST discontinued dumping waste solvents into the sump and informally closed it by removing remaining waste and backfilling with sand. (HSWA SWMU).
- Feb. 1, 1983: EPA informed Sparton Tech (ST) of Groundwater monitoring violation (i.e. lack of GW monitoring) under 40 CFR 265 Subpart F (specifically 265.90(a)).
- May, 1983: Contaminants detected in GW.
- Aug, 1983: ST discontinued dumping of aqueous plating wastes to the ponds. (RCRA Regulated Units-NM authority).
- Dec, 1986: Final Ponds & Sump Closure under State-approved plan (Cover on ponds and sump).
- June, 1987: Agreement in Principle among EPA, ST, and NMED.
- Oct. 1, 1988: EPA Administrative Order on Consent (AOC); Corrective Action Plan (CAP).
- Oct. 28, 1988: Interim Measures (IM) Work Plan submitted by ST for on-site Pump and Treat for VOCs; (required in AOC). IM approved by EPA Apr, 1989.
- Dec, 1988: GW recovery system in Upper Flow Zone (UFZ) implemented w/ an air stripper (required in AOC).
- March 3, 1989: RCRA Facility Investigation (RFI) Work Plan Approved.
- July, 1989: NMED conducted Comprehensive Groundwater Monitoring Evaluation (CME).
- July, 1992: EPA Approval of May, 1992 version of RFI.
- Aug, 1992: Report on Effectiveness of GW Recovery Well System.
- Nov, 1992: Corrective Measures Study (CMS) draft submitted by ST to EPA; (required in CAP).
- Dec, 1992: EPA commented on draft CMS to ST.
- Jan. 28, 1993: ST commented on EPA's comments to draft CMS.

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- July, 1993: NMED conducted CME (results indicate VOC + Cr plume has continued downgradient past "picket" monitoring wells to the NW).
- Dec, 1993: ST conducted VOC sampling of 42 monitoring wells to get good data set for final CMS. Data corroborate NMED 7/93 CME indicating VOC + Cr plume progressing downgradient to the NW).
- Feb. 3, 1994: EPA informed verbally that NMED very concerned about contaminant plumes (VOCs + Cr) continuing downgradient past "picket" monitoring wells.
- Feb. 10, 1994: Meeting between EPA and ST on the Draft CMS; ST plans to continue on-site IM Pump and Treat; ST considers the plumes contained off-site. EPA informed by State that IM is inadequate to address off-site and deeper on-site contamination.
- Feb. 21, 1994: HRMB meets with GWPRB to discuss particulars of ST site, status of ST's investigations, and regulatory status. GWPRB indicates that State may have concerns which can be addressed under NMWQCC.
- Sep. 27, 1994: Informal public open house meeting in evening at Rio Rancho City Hall with representatives from ST, EPA, and NMED (HRMB and GWPRB) in attendance.
- Oct. 24, 1994: ST conducts off-site groundwater sampling in monitor wells in UFZ, ULFZ, and LLFZ. Contaminants increasing in concentration in furthest downgradient ("picket") monitoring wells.
- Nov. 3, 1994: NMED informs EPA formally (K. Sisneros to A. Davis) that draft CMS report is inadequate.
- Nov. 7, 1994: Meeting between ST and NMED (HRMB & GWPRB) in Santa Fe. NMED stresses need to obtain vertical and horizontal delineation of plumes.
- Jan. 6, 1995: GWPRB cites NMWQCC 1-203 to get plan from ST to characterize off-site groundwater contamination. ST responds (3/10/95) by questioning NMED's authority under NMWQCC.
- Feb, 1995: Preliminary RCRA Post-Closure Care Permit App. for Administrative Review. ST informed (3/31/95) of administrative inadequacies.

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- Mar. 31, 1995: GWPRB (re-)cites NMWQCC 1-203 to get plan from ST to characterize off-site groundwater contamination. ST responds (5/5/95) by questioning NMED's authority under NMWQCC.
- Apr. 4, 1995: Office of Nat. Resource Trustee (**ONRT**) informs ST that injuries to nat. resources and their associated damages may have occurred. Groundwater investigation requested.
- May 5, 1995: ST responds to GWPRB's 3/31/95 letter. Basically, states that NMED cannot take action against ST because of Agreement in Principle (6/87).
- May 10, 1995: EPA has not yet finalized the draft Statement of Basis (**SB**), which is to propose the approved remedy and the rationale, and solicit public input.
- May 12, 1995: NMED/WWMD Director (Ed Kelley) and EPA 6 Multimedia Planning and Permitting Division Director (Allyn Davis) agreed that NMED must have complete coordination with EPA and input to the regulatory process for ST.
- June 7, 1995: Notice of Deficiency (**NOD**) from NMED on the Post-Closure Care Permit Application.
- June 14, 1995: Letter from NMED to ST explaining that NMED has regulatory police powers available to address need for expeditious remedial action at ST.
- July 18, 1995: Letter from ONRT to ST expressing desire for coordination of all parties to effect an expeditious remedy at ST. Option is for ONRT to seek damages.
- Aug. 7, 1995: EPA transmits SB to ST and others. Public comment period to run for 45 days (8/10-9/25); public meeting scheduled for 8/12/95 in Albuquerque. SB provides rationale for EPA's proposed remedy at ST (additional GW monitoring, expanded off-site Pump and Treat, plus aggressive on-site Soil Vapor Extraction (**SVE**) to remediate source).
- Aug. 22, 1995: ST requests postponement of SB and public comment period to defend their position stated in the 11/92 draft CMS.
- Sep. 7, 1995: EPA responds to ST's 8/22/95 letter and grants a postponement in the RFI process to let ST defend their position.

- Sep. 12, 1995: Letter from Mayor Chavez (Albuquerque) stating concern about the inordinate amount of time required by EPA to have ST begin remediation of GW contamination. Area of contamination is designated within Albuquerque/Bernalillo Co. GW Protection Policy and Action Plan as "crucial for GW quality protection". City's master plan designates area as future well field.
- Sep. 13, 1995: Meeting at EPA 6 offices between EPA and ST to address ST's concerns about the SB.
- Oct. 3, 1995: EPA transmits letter to ST with updated comments on 11/92 draft CMS Report, plus information regarding the site remedy and implementation process, and the AOC-driven request for a revised draft CMS report.
- Nov. 6, 1995: ST's attorney submits a letter to EPA stating that the groundwater contamination is not a threat to either public or private water supply wells and that contamination is spreading solely by diffusion.

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