

# ***Calcined Waste Storage At The Idaho Nuclear Technology And Engineering Center***

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*January 2005*



*Idaho National Engineering and Environmental Laboratory  
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## **ABSTRACT**

This report documents an inventory of calcined waste produced at the Idaho Nuclear Technology and Engineering Center during the period from December 1963 to May 2000. The report was prepared based on calciner runs, operation of the calcined solids storage facilities, and miscellaneous operational information that establishes the range of chemical compositions of calcined waste stored at Idaho Nuclear Technology and Engineering Center. The report will be used to support obtaining permits for the calcined solids storage facilities, possible treatment of the calcined waste at the Idaho National Engineering and Environmental Laboratory, and to ship the waste to an off-Site facility including a geologic repository.

The information in this report was compiled from calciner operating data, waste solution analyses and volumes calcined, calciner operating schedules, calcine temperature monitoring records, and facility design of the calcined solids storage facilities.

A compact disk copy of this report is provided to facilitate future data manipulations and analysis.





## SUMMARY

This report documents an inventory of calcined waste produced at the Idaho Nuclear Technology and Engineering Center during the period from December 1963 to May 2000. The report was prepared based on calciner operating data, waste solution composition and volume information, operation of the calcined solids storage facilities, and miscellaneous operational information that established the range of chemical compositions of calcined waste. The report will be used to support permitting the calcined solids storage facilities, treating the calcined waste at the Idaho National Engineering and Environmental Laboratory, and shipping the waste to an off-Site facility including a geologic repository.

Two facilities were used to convert the liquid waste to the solid waste "calcine" at the Idaho Nuclear Technology and Engineering Center. The Waste Calcining Facility operated from December 1963 to March 1981, and converted about 4,165,000 gal of aqueous nuclear fuel reprocessing waste to about 77,300 ft<sup>3</sup> of calcined solids. The New Waste Calcining Facility operated from August 1982 through May 2000, and converted an additional 3,747,000 gal of aqueous waste to about 78,300 ft<sup>3</sup> of calcined solids. Refinements in volume calculations in this report resulted in a slight (< 1%) increase in the volume of stored calcine compared to that of the previous revision.

Waste management strategy may require calcine retrieval and conversion to an alternate waste form. As a basis for planning for this possible conversion, estimates of the chemical and radiochemical compositions of the calcine are provided in this document.

A detailed inventory of the calcined waste in storage at the Idaho Nuclear Technology and Engineering Center was prepared. The inventory revealed that the calcined solids storage facilities are filled as indicated in Table E-1.

Table E-1. Approximate volume of calcine in solids storage facilities.

Facility	Total ft <sup>3</sup>	Usable ft <sup>3</sup>	Filled ft <sup>3</sup> (m <sup>3</sup> )	% Full
I	8,300	8,000	7,800 (222)	97
II	31,600	30,000	30,000 (851)	100
III	40,000	39,900	39,500 (1120)	99
IV	17,700	17,100	17,100 (484)	100
V	36,200	35,600	35,600 (1010)	100
VI	55,200	53,200	25,600 (724)	48

A compact disk copy of this report is provided to facilitate future data manipulations and analysis.



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# **Inventory of Calcined Waste Stored at the Idaho Nuclear Technology and Engineering Center**

## **1. INTRODUCTION**

### **1.1 Purpose**

This report documents the inventory of calcined waste produced at the Idaho Nuclear Technology and Engineering Center (INTEC) during the period from December 1963 through May 2000. Calcination, developed at INTEC, is the process of converting liquid radioactive waste into a granular solid for storage. The INTEC facility, formerly called the Idaho Chemical Processing Plant, is located at the Idaho National Engineering and Environmental Laboratory (INEEL) in eastern Idaho. This report was prepared based on calciner runs, solids storage facilities operation, and miscellaneous operational information that establishes the range of chemical compositions of calcined waste stored at INTEC. The information in this report includes calciner startup data, waste solution analyses and volumes calcined, calciner operating schedules, calcine temperature monitoring records, capacities, distributor systems, and facility design of the seven calcined solids storage facilities (CSSFs).

This report will be used to support obtaining permits for the calcined solids storage facilities. The report also will be used to support decision making about treating the calcined waste at the INEEL and to ship the waste to an off-Site facility including a geologic repository. If the waste is treated at the INEEL, this report could support the design of waste treatment processes. If the waste is shipped elsewhere for treatment or directly to a geologic repository, this report could support the development of waste shipping methods.

Revision 2 of the report corrects calculation, data entry, and typographic errors that were found in the previous revision. The report has been expanded to include additional hazardous metals regulated by the Resource Recovery and Conservation Act (RCRA). Plots of principal constituents are provided that present inventory and concentration data in a more user friendly format. Revised ORIGEN-based estimates of nuclide inventories have been incorporated to provide a more accurate inventory. This revision incorporates a refinement in the accuracy of the calcine inventory estimate and not a change in estimate modeling.

A compact disk copy of this report is provided to facilitate future data manipulations and analysis.

### **1.2 Background**

From 1953, the INTEC facility, then called the Idaho Chemical Processing Plant, was used to reprocess spent nuclear fuel. With the end of the Cold War, the Department of Energy announced in April of 1992 that INTEC would no longer reprocess spent nuclear fuel. The final reprocessing activities (uranium recovery) at INTEC were completed in 1994. In 1998, the name of the facility was changed to the Idaho Nuclear Technology and Engineering Center to more closely reflect current research and development missions of the facility.

Since December 1963, fluid-bed calcining was employed at INTEC to convert various types of aqueous nuclear fuel reprocessing waste to a solid form. The waste was processed in a heated fluidized-bed calciner (400 to 600°C) where it underwent thermal decomposition to metallic oxides or fluorides, water vapor, and nitrogen oxides. The solids were transported to stainless steel bins—the CSSFs—for interim storage.

Seven CSSFs were constructed over the years. Five were filled to capacity or near capacity, the sixth CSSF is partially filled, and the seventh remains unused. Detailed design considerations for these facilities evolved to incorporate operational experience. Calcined storage temperature control was a prime design consideration, and basic bin designs were modified to accommodate the changes in need to remove radioactive decay heat through natural convection. Another major design consideration was the need to provide for calcined product retrieval. Basic design features include welded stainless-steel construction, installed access lines, reinforced concrete vaults, natural convection cooling, and filtered off-gas venting.

Calcined solids are a more stable storage form for the radioactive constituents in waste than liquid, but even more stable long-term storage forms are being investigated. Sometime in the future, the calcined waste may be retrieved and further treated. This report describes the current condition of the calcined solids storage units and the composition of the calcine so that future retrieval and treatment requirements can be quantified. It also provides a single point of reference for future work by assembling the chemical and radiochemical information about the solids and storage configuration into a single document.

Aqueous nuclear fuel reprocessing waste was originally calcined in the Waste Calcining Facility (WCF) (CPP-633) at INTEC and subsequently in the New Waste Calcining Facility (NWCF) (CPP-659). From December 1963 to March 1981, approximately 4,165,000 gal of the waste was converted to about 77,300 ft<sup>3</sup> of calcined solids at the WCF. From August 1982 through May 2000, about 3,747,000 gal of aqueous waste was converted to 78,300 ft<sup>3</sup> of calcined solids at the NWCF. Calcination at the NWCF ceased in May of 2000, pending a decision by the Department of Energy whether to permit or close the facility. Currently, closure work is ongoing for the NWCF calciner.

The CSSFs consist of stainless steel bins (containing the solids) enclosed in concrete vaults to isolate them from the environment. The bin-vault systems are designed to remove the heat generated by the radioactive decay of fission products in the calcine.

Waste management strategy may require calcine retrieval and conversion to an alternate waste form. As a basis for planning for this possible conversion, estimates of the chemical and radiochemical compositions of the calcine layers within bins are provided in this document (in Tables A11 and A12 of Appendix A).

A detailed inventory of the calcined waste in storage at INTEC was prepared from examination of calciner operating data, waste solution composition and volume records, calcined solids storage data, and other operational records. The inventory revealed that the CSSFs are filled as indicated in Table 1.

Table 1. Approximate volume of calcine in solids storage facilities.

Facility	Total ft <sup>3</sup>	Usable ft <sup>3</sup>	Filled ft <sup>3</sup> (m <sup>3</sup> )	% Full
I	8,300	8,000	7,800 (222)	97
II	31,600	30,000	30,000 (851)	100
III	40,000	39,900	39,500 (1120)	99
IV	17,700	17,100	17,100 (484)	100
V	36,200	35,600	35,600 (1010)	100
VI	55,200	53,200	25,600 (724)	48

## 1.3 Report Organization

The remaining portions of this report are organized as explained below.

### 1.3.1 Main Body

The main body of the report presents historical information about the calcination process at INTEC and characterization of the calcine as follows:

- Section 1.3.2 provides a history of calcination conducted at INTEC
- Section 1.3.3 describes the six CSSFs that contain calcined waste
- Section 1.3.4 characterizes the solid chemical and radioactive calcined waste inventories stored in the CSSFs
- Section 1.3.5 is a list of references cited throughout the report.

In addition, extensive characterization data are appended, the content of which is summarized below. Basic data used in the preparation of this report previously had not been available in a convenient manner, particularly for those not familiar with the use of the documentation recording and retrieval systems at INTEC. The data has been made more readily available in the voluminous appendixes to this document. Where data were unavailable, estimates were made.

### 1.3.2 Appendix A

Appendix A is a compilation of tables that captures data pertinent to calcine batches in campaigns and summaries of data manipulations of the analytical data. The analytical data were obtained to estimate the composition of the calcine inventory for layers, bin totals, CSSF totals, and total calcine.

- Tables A1 through A6 convey the batch feed information for each operational campaign of the original calcining facility, the WCF, and the subsequent calcining facility, the NWCF. Column identifiers are self-explanatory with the exception of the code. The code, sometimes referred to as the stream number, is the feed stream identifier that corresponds to Tables A8 and A10. The circled numbers in Appendix B, Figures B1 through B13, likewise correspond to the code numbers. The feed batch data have been carefully compiled from various sources.
- Tables A7 through A10 contain chemical and radiochemical information. Tables A7 and A9 list the chemical and radiochemical sample analyses of liquid feed streams. Tables A8 and A10 contain the estimated average compositions of the combined feed streams calcined at the WCF and NWCF. The analytical results were adjusted to correct for dilution from steam jet transferring. The analytical results represent the major constituents of concern at the time of analysis. Radiochemical results are given as reported.
- Tables A11 and A12 are summaries of the estimated concentrations of chemicals and radiochemical species in the individual layers within the bins in the bin-sets. The calcine layers are dictated by the location of level-indicating thermocouples in the calcine storage bins and do not correspond with changes in calcine composition. The calcine stratification summaries for chemistry were calculated from correlation of feed chemistry and bin filling estimates.

- Table A13 is the estimated total calcine radionuclide inventory for selected years.
- Table A14 is the estimated radionuclide inventory by individual bin-set for the year 2016. The radiochemistry results are calculated estimates projected to January 1, 2016.
- Table A15 is the individual CSSF chemical inventory estimate by bin-set.
- Table A16 summarizes the inventory estimates for RCRA metals by CSSF.
- Table A17 provides individual bin volume, mass, and bulk density estimates.
- Table A18 is a summary of fuel reprocessing campaigns at INTEC with amounts of uranium processed and surmised waste storage tankage.

### **1.3.3 Appendix B**

Appendix B contains graphical depictions of the history of calcine processing at INTEC. Figures B1 through B13 show the chronology of individual calcination campaigns. These figures identify the waste tank from which waste was calcined and the stream code number which cross-references to the tables in appendix A. The Tank Farm waste volume plots in Figures B14 through B25 provide a simplified overview of the individual filling and emptying history for the 11 nominal 300,000-gal liquid waste storage tanks for the period 1953 through 2003. The 11 tanks were constructed from the early 1950s to the mid 1960s and were the principal vessels used for temporary storage of the liquid radioactive waste from INTEC fuel reprocessing. Figures B26 through B31 show the individual bin filling chronology

### **1.3.4 Appendix C**

Appendix C presents plots of the calcine inventories in units (wt%, ppm, Ci/m<sup>3</sup> and nCi/g) normally used by regulators. Their presentation is intended to help minimize unit conversion calculations and the potential errors in such conversions.

### **1.3.5 Appendix D**

Appendix D contains copies of the internal documents cited in footnotes throughout the report. These are attached as an aid to the user.



## 2. CALCINATION HISTORY AND DESCRIPTION

Radioactive liquid waste at INTEC is a by-product of nuclear fuel reprocessing activities. The waste resulted principally from nuclear fuel dissolution, decontamination operations, and uranium recovery by solvent extraction. The waste was stored in the INTEC Tank Farm before being calcined. Figures B14 through B24 in Appendix B illustrate the operational history of the Tank Farm. The charts present a qualitative overview of waste management at INTEC. A historical review of high-level waste management at INTEC was published in the May 1997 issue of *Radwaste Magazine*.<sup>1</sup>

Fluidized-bed calcination is a unique process developed for liquid waste treatment at INTEC. At the heart of the waste calcining process is a high-temperature fluidized bed. During calcination, radioactive waste solutions is fed through pneumatic atomizing nozzles into a heated bed of air-fluidized granular solids. The liquid portion of the waste is evaporated and the dissolved solids in the liquid are converted to a solid granular material. The undissolved and dissolved solids in the liquid solutions are made up of about 99 wt% nonradioactive material and 1 wt% radioactive waste. Typical waste compositions for unadjusted calciner feed from the Tank Farm are given in Table 2.

Table 2. Typical liquid waste composition.

Major Species	Units	Aluminum	Zirconium	Fluorinel	SBW
Acid (H <sup>+</sup> )	molar	0.81	1.40	1.50	1.28
Aluminum	molar	1.51	0.68	0.43	0.57
Boron	molar		0.19	0.15	0.017
Cadmium	molar			0.05	0.001
Chloride	mg/L			50	1,000
Chromium	molar		0.015	0.002	0.001
Fluoride	molar		3.2	2.10	0.04
Iron	molar	0.01	0.007	0.005	0.002
Mercury	molar	0.02			.0013
Nitrate	molar	5.4	2.3	1.90	4.5
Potassium	molar		0.003	0.005	0.17
Sodium	molar	0.06	0.017	0.02	1.5
Sulfate	molar	0.014		0.035	0.043
Tin	molar		0.005	0.003	
Zirconium	molar		0.41	0.31	0.03

SBW = sodium-bearing waste

The principal reactions during calcination are evaporation and thermal decomposition of the solutions to metallic oxides or fluorides, water vapor, and nitrogen oxides. Average calcined product compositions are given in Table 3. Solid product builds up in layers on the bed particles while gases and some of the finer solids (less than 0.10 mm diameter) are swept from the vessel with the fluidizing

Table 3. Typical calcined product composition (excluding oxide) (in wt%).

	Aluminum	Zirconium	Fluorine/ SBW	Aluminum Nitrate/ SBW
Aluminum	87.3	11.8	6.5	53.4
Boron	0.4	1.1	1.0	0.8
Cadmium			5.5	0.2
Calcium		37.7	31.9	4.0
Chloride			0.1	0.4
Chromium		0.4	0.1	0.1
Fluoride		30.1	21.9	1.0
Iron	0.1	0.3	0.2	0.4
Mercury	5.5		0.001	0.003
Nitrate	2.6	0.1	8.1	23.0
Potassium	0.1	0.1	0.9	2.5
Sodium	1.4		4.1	11.4
Sulfate	1.5		3.7	1.4
Tin		0.3	0.2	
Zirconium		18.2	15.5	0.3

SBW = sodium-bearing waste

gases. The average bed particle size is kept at the desired value (approximately 0.3 to 0.7 mm in diameter) by controlled attrition of bed particles, which is achieved by varying the volumetric ratio of atomizing air to liquid feed.

The bed level is maintained above the feed spray zone so that feed spray contacts fluidized-bed particles. The details of the calcination process used in the WCF and the NWCF are discussed extensively in the facility safety analyses.<sup>2,3</sup> Figure 1 depicts the calcination process.

Two different methods were used to supply process heat for the decomposition reaction. Heat for the first three WCF processing campaigns was supplied by circulating molten sodium-potassium eutectic liquid metal alloy (NaK) through an internal heating-tube bundle.<sup>4</sup> Decomposition heat for the remaining campaigns was supplied by the direct “in-bed” combustion of oxygen-atomized kerosene.

Solid product (calcine) is transported from the calciner to the storage bins, from two sources, by means of pneumatic-conveying equipment. The bed product is removed directly from the fluidized bed through “take-off” lines connecting the calciner and the product-transfer system. “Fines” elutriated from the calciner with the off-gas are separated from the off-gas with a cyclone. The fines are transferred to the solids transport line where they combine with the bed product removed from the calciner. This combined stream is transported to a second cyclone above the storage bins where it is separated from the transport air. The solids fall by gravity into the calcine storage bins, and the transport air is returned to the calciner for decontamination with the process off-gas.

A summary of the volumes of liquid waste calcined over the years is presented in Table 4. Detailed operational chronologies for the various calcination campaigns are presented in Figures B1 through B13 in Appendix B.

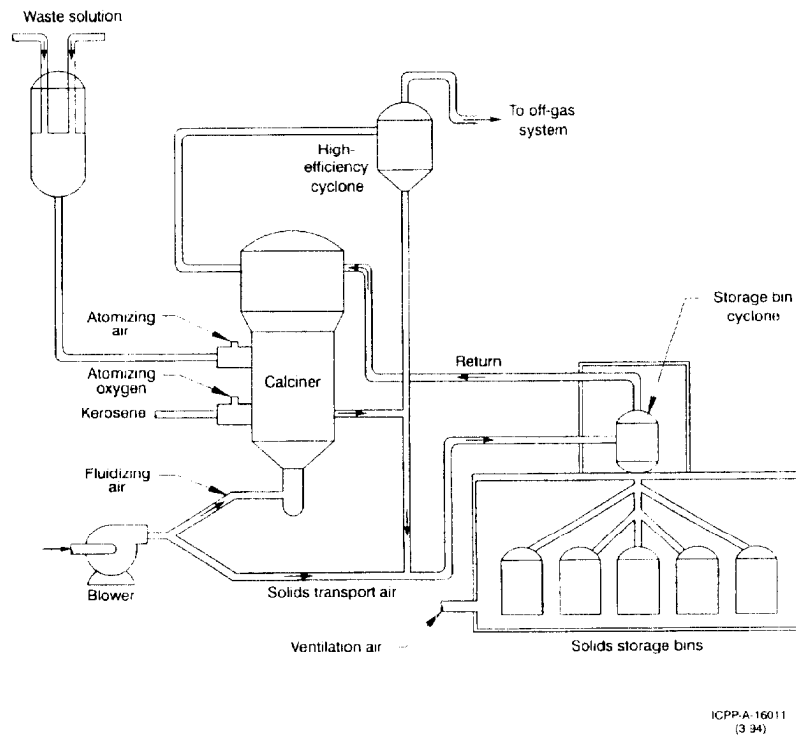


Figure 1. Schematic of the calcining process at the Idaho Nuclear Technology and Engineering Center.

Table 4. Summary of calcination campaigns.

Campaign	Date	Liquid to Calciner (gal)	Liquid to Tank Farm (gal)	Solids Stored ft <sup>3</sup> (m <sup>3</sup> )	Net Volume Reduction
WCF 1	Nov 1963 to Oct 1964	512,000	8,100	7,800 (222)	8.7
WCF 2	Mar 1966 to Mar 1968	989,000	147,800	13,000 (368)	8.6
WCF 3	Aug 1968 to Jun 1969	329,000	67,400	5,500 (157)	6.4
WCF 4	May 1970 to Jan 1971	225,000	26,500	5,200 (147)	5.1
WCF 5	Sept 1971 to Apr 1972	300,000	66,000	7,200 (204)	4.3
WCF 6	May 1973 to May 1974	386,000	78,900	9,100 (259)	4.5
WCF 7	May 1975 to Jan 1977	375,000	19,500	9,300 (263)	5.1
WCF 8	Sept 1977 to Sept 1978	469,500	50,100	10,700 (303)	5.2
WCF 9	Jun 1979 to Mar 1981	476,000	162,900	9,500 (270)	4.4
NWCF 1	Aug 1982 to Jun 1984	1,553,000	98,700	27,200 (771)	7.1
NWCF 2	Sept 1987 to Dec 1988	797,800	165,200	16,500 (469)	5.1
NWCF 3	Dec 1990 to Nov 1993	744,500	183,600	16,400 (465)	4.6
NWCF 4	May 1997 to May 2000	754,500	97,100	18,100 (513)	4.9
Total		7,911,300	1,171,800	155,500 (4,411)	5.8

NWCF = New Waste Calcining Facility  
WCF = Waste Calcining Facility

### 3. CALCINED SOLIDS STORAGE

The solids produced by the waste calcining process are stored in stainless-steel bins housed in reinforced concrete vaults.<sup>5</sup> The bins provide for cooling for the calcine and isolate the calcine and its radioactive and hazardous components from the environment. A description of the unique characteristics of each storage facility is given below. The bulk of the information contained in this section was obtained through examination of designer and fabricator drawings.

The volume of calcine stored at INTEC has been tracked for a number of years at 4386m<sup>3</sup>. Tables in this report differ slightly from this number. Rounding and filling cut-off points are subject to differences. Every effort has been made to provide an accurate volume estimate. This report estimates the volume at approximately 4411 m<sup>3</sup>. No additional calcine has been generated or stored since May 2000. The small difference in reported volumes is due to refinement in vessel volume calculations.

#### 3.1 Calcined Solids Storage Facility I

Calcined Solids Storage Facility I, also known as Bin Set 1, consists of four composite bins (sometimes referred to as groups), VES-WCS-115-1, -2, -3, and -4, and three sub-bins, numbered from inside to outside, A-1, A-2, and A-3. The Fluor Corporation of Los Angeles designed the facility. Oscar Krenz of Berkeley, California, fabricated the bins in 1959 of Type-405 stainless steel.

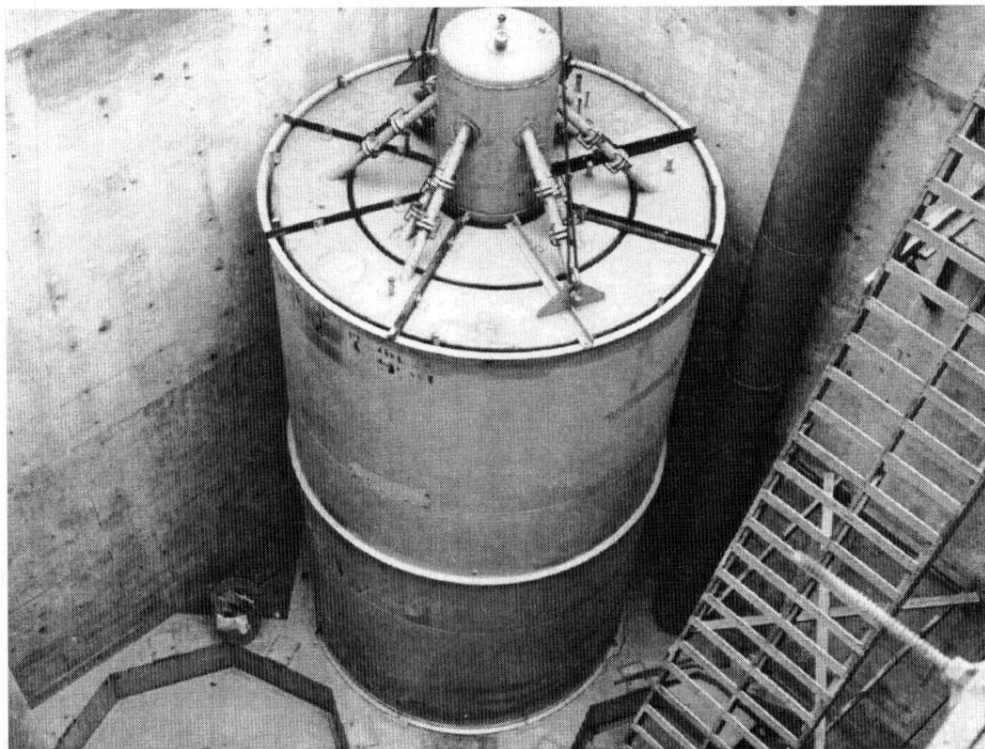
The innermost cylindrical sub-bins, are approximately 25 ft tall (except for VES-WCS-115-4, which is about 27 ft tall) and 3 ft in diameter. The wall thickness varies from 0.125 in. at the bottom to 0.25 in. at the top, with the bottom head being 0.325 in. Each annular bin is approximately 20 ft tall. The inner annular bins have a 41-in. inside diameter and a 90-in. outside diameter. The material thickness for these bins varies from 0.325 in. on the bottom to 0.25 in. on top, with 0.125 in. on the inner wall and 0.1875 in. on the outer wall. The outer annular bins have a 94-in. inside diameter and a 142-in. outside diameter. The material thickness for the outer annular bins is 0.325 in. on the bottom and 0.25 in. on top with 0.1875 in. on the walls. No retrieval access was provided for these bins. The estimated usable capacity of the four bins is approximately 8,000 ft<sup>3</sup>. Figure 2 depicts the initial installation of Bin VES-WCS-115-2.

The bins contain numerous internal obstructions, such as thermowells, internally mounted wall stiffeners, and bottom braces that could hinder calcine retrieval operations. Near the completion of bin filling operations, physical measurement of the solids level in the VES-WCS-115-4-A-3 sub-bin was accomplished with a bolt-weighted string. After it was used, the measurement material purposely was allowed to fall into the bin. Production records indicate that the measurement was made at least three times through the Can Disposal Line, 4-in. PWA-3083. The external bin surfaces are likewise encumbered with instrument junctions, electrical conduits, process piping, and structural members.

In April 1979, an estimated 250 to 750 gal of water entered the CSSF I vault.<sup>4</sup> The water source was a ruptured nearby underground water line, but the vault entry mechanism was not determined. The water level decreased over time without operational intervention. The water level did not raise high enough to touch the bins or interrupt convective cooling airflows. In 1995, a vault inspection<sup>6</sup> via remote video confirmed the undisturbed condition of the bins. No deterioration of the calcined product or bins is expected.

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a. S. S. Bodner to M. B. Heiser, "Water Ingress to Bin Set Vaults," Bod-06-92, Interdepartmental Correspondence, Idaho National Engineering Laboratory, Westinghouse Idaho Nuclear Company, Idaho Falls, Idaho, May 22, 1992.



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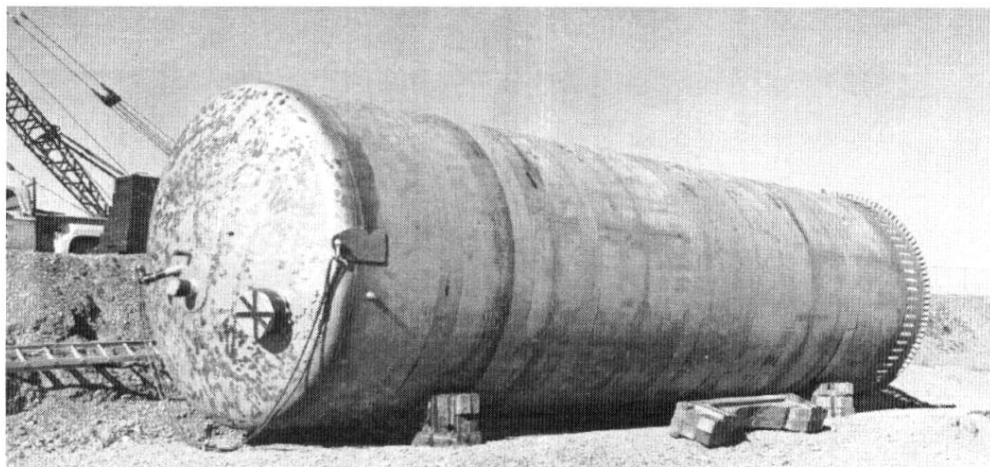
Figure 2. Solids storage Bin VES-WCS-115-2.

### 3.2 Calcined Solids Storage Facility II

Calcined Solids Storage Facility II, also known as Bin Set 2, consists of seven bins: VES-WCS-136-1 through -7. The facility was designed by Norman Engineering of Los Angeles. Each bin is a standard right circular cylinder. Chicago Bridge and Iron Works Company, Western Operations, located in Salt Lake City, fabricated the bins in 1965 of Type-304 stainless steel.

Each bin is about 42.3 ft tall with a 12-ft diameter.<sup>7</sup> Figure 3 depicts Bin VES-WCS-136-2 prior to installation. The vessel walls are 0.25 in. thick. The usable volume of the CSSF is approximately 30,000 ft<sup>3</sup>. Each bin is fitted with a 6-in., Schedule 40, retrieval nozzle. Attached to each of these seven nozzles is a 6-in., Schedule 40S, 27-ft-long access riser. Five nozzles terminate in a 6-in., welded cap and two terminate in a 150-lb, weld-neck flange. Two flanged retrieval lines are embedded in concrete. They are installed with expansion bellows. Six access lines rise vertically from the tank nozzle, and the seventh rises at 6.5 degrees from vertical and terminates through a 9-ft-shielded, penetration bend arrangement.

The principal internal obstructions to calcine retrieval are thermowells and corrosion coupons. The thermowells are centerline-mounted, 1-1/2-in., Schedule 160, pipes with associated support hardware. In addition, all bins have a wall-mounted thermowell that enters the vessel wall approximately 11 ft from the top of the vessel and extends down and attaches to the inside surface 4 ft below. Bins VES-WCS-136-1 and -4 have an additional wall mounted thermowell approximately 11 ft lower. Bins VES-WCS-136-1 and -4 also have an array of 12 thermocouples, which were installed to monitor the temperature gradient radially from the bin's centerline. These thermowells and their support hardware could pose a hindrance to remote operations. Each bin has four internally attached stiffening rings, approximately 5 in. wide, that



65-5256

Figure 3. Solids storage Bin VES-WCS-136-2.

are separated roughly equidistant down the bin wall. Two bins have corrosion coupons suspended separately from wall-mounted hangers. One bin has four coupon cables, and the other has three. Prior to sampling the calcine stored in Bins VES-WCS-136-3 and -7 in May 1978, temporary ventilation control equipment was installed on the Bin VES-WCS-136-1 riser. During the installation, a cable of coupons was dropped inside the vessel.<sup>b</sup>

That cable remains unretrieved in the bin at this time. The loose coupon cable and could pose difficulties during future calcine retrieval operations. Each bin is equipped with a 1-1/2-in., screwed, test vent and drain at the tangent of the top head. The vent-and-drain nozzle is approximately 2 in. long. A detail of the nozzle closure is shown in the Chicago Bridge and Iron Works fabricator print but not in the plant drawings. The fabricator print shows that the screwed plugs were back-welded. The construction photos show the high placement of the fitting. Access to this recessed spot may pose difficulties for retrieval of the small amount of calcine in the nozzle.

When CSSF II was nearly full, a lead-weighted string was used to measure the solids level in two bins. After use, the measurement material was allowed to fall into the bin to prevent the spread of radioactive contamination. Three measurements were made in Bin VES-WCS-136-2: the first on September 20, 1971; the second on October 21, 1971; and the last on November 24, 1971. At least two measurements were made in Bin VES-WCS-136-6: one on September 20, 1971, and the second on October 21, 1971. Plant drawings indicate that Bins VES-WCS-136-2 and VES-WCS-136-6 are capped. Removable connections are required to provide access for making these types of measurements. Access to Bin VES-WCS-136-2 was gained in 1972 for off-gas sampling through a 2-in. screw-cap nipple installed on the terminating weld cap of the retrieval line.<sup>c</sup> Bin VES-WCS-136-6 could be modified similarly. During the 1978 calcine sampling operations in Bin VES-WCS-136-3,<sup>8</sup> a section of sample piping dropped into the bin. Also, the bin off-gas line was plugged with calcine or some other foreign material.

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b. J. S. Schofield to B. S. Musgrave, "Dropping of Corrosion Coupons into Bin Set #2," JSS-11-78, Internal Correspondence, Idaho National Engineering Laboratory, Allied Chemical Corporation, Idaho Falls, Idaho, May 26, 1978.

c. W. B. Palmer to G. E. Lohse, "Gas Sampling of Solids Storage Bins," WBP-1-72, Internal Correspondence, National Reactor Testing Station, Allied Chemical Corporation, Idaho Falls, Idaho, August 9, 1972.

An erosion failure in the transport system piping or cyclone in the cyclone vault is possible. Calcine transport system anomalies occurred<sup>d</sup> about the time of switchover from CSSF II to CSSF III; however, documentary evidence<sup>e</sup> of a failure could not be located in the production records. For planning purposes, one should assume that the cyclone vault may be contaminated with radioactive calcine.

### 3.3 Calcined Solids Storage Facility III

Calcined Solids Storage Facility III, also known as Bin Set 3, consists of seven bins: VES-WCS-140-1, -2, -3, -4, -5, -6 and VES-WCS-139, which was later renamed VES-WCS-140-7 in some plant documentation. The bins in CSSF III are similar to those in CSSF II, except that the center bin (VES-WCS-139) is taller than the other six as depicted in Figure 4. The facility was designed by Idaho Nuclear Corporation of Idaho Falls, Idaho. Capital Westward of Paramount, California, fabricated each bin in 1969 from Type 304 stainless steel. Six of the 12-ft-diameter bins are approximately 53 ft tall. The seventh bin is 61 ft tall. The bin walls range in thickness from 0.25 in. at the top to 0.4375 in. at the bottom. The usable volume of the CSSF is approximately 39,900 ft<sup>3</sup>. Each bin is fitted with a 6-in., Schedule 40S, retrieval nozzle. Attached to each nozzle is an access line 18 ft long and capped with a 6-in., 150-lb, weld-neck flange.

Internal obstructions to calcine retrieval operations include centerline-mounted, 2-in., Schedule 80, thermowells with their associated support hardware, and five sets of corrosion coupons hung from hangers attached to the wall of Bin VES-WCS-140-1. The corrosion coupons are installed through one of the two retrieval nozzles. They are secured from a 1/4-in. J hook welded to the inside of the retrieval riser 4 to 5 in. from its opening. These J hooks and the corrosion coupons will have to be removed before any retrieval activities through the nozzle can start. Bins VES-WCS-140-1 through -6 have six internally attached stiffening rings, approximately 5-in.-wide, mounted roughly equidistant down the bin wall. Bin VES-WCS-139 has seven.

Each bin is equipped with a 2-in. test vent at the tangent of the bottom head. The nozzle is approximately 2 in. long and capped with a weld cap. It may be difficult to retrieve the small amount of calcine in the nozzle.

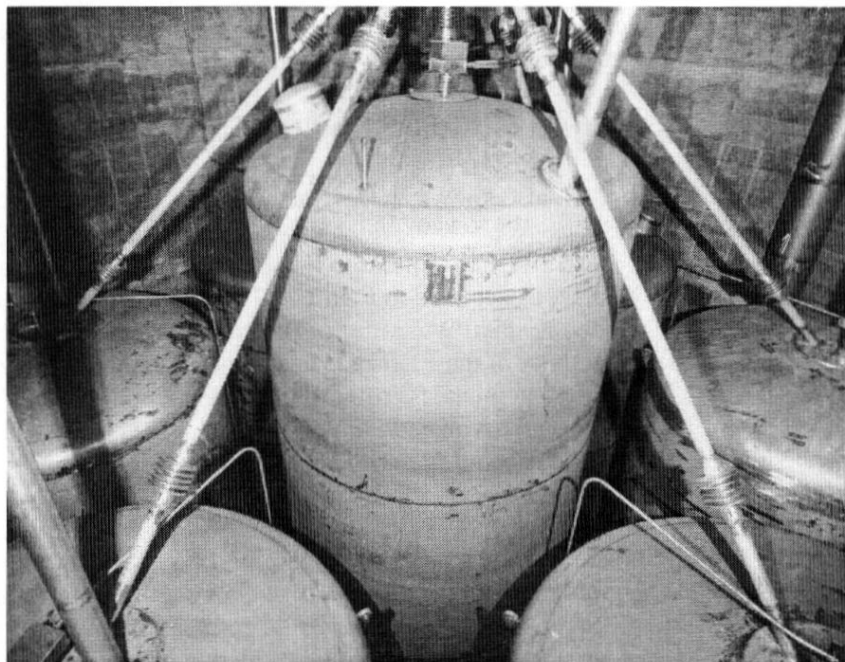
Bin VES-WCS-139 was equipped with nozzles for installing special level monitoring equipment.<sup>9,10</sup> The design review packages for this bin often refer to the design and installation of special hardware, a capacitance probe and an ultrasonic probe. The construction photograph in Figure 4 shows the capacitance probe nozzle terminated in the vault area immediately above the bin with what appears to be a threaded cap base on a recommendation from the Technical Department that the capacitance probe not be installed because of vault access misalignment<sup>f</sup>. Documentation verifying the status of the ultrasonic probe installation was not located. If installed, the presence of the ultrasonic probe is not expected to be a significant hindrance to retrieval operations. Technical personnel indicated that any measuring equipment would be installed in a 6-in. riser.

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d. W. A. Freeby to G. L. Ritter, "Possibility of Additional Space in the Second Calcined Solids Storage Facility (CSSF)," WAK-45-79, Internal Correspondence, Idaho National Engineering Laboratory, Exxon Nuclear Idaho Company, Idaho Falls, Idaho, September 6, 1979.

e. Allied Chemical Corporation, 1974, *Solids Storage Contamination*, Significant Operating Occurrence Report 75-34, Idaho National Engineering Laboratory, Idaho Falls, Idaho, March 3, 1976.

f. L. A. Jobe to G. V. Markham, "Solids Storage Bin Solids Level Detector Connection," Jobe-2-71, Internal Correspondence, National Reactor Testing Station, Idaho Nuclear Corporation, Idaho Falls, Idaho, April 8, 1971.



71-4954

Figure 4. Center Bin VES-WCS-140-7 of Calcined Solids Storage Facility III.

Frequent plugging of the distribution piping was experienced while filling CSSF III. Auger type clearing was necessary on several occasions. Although no documentary evidence was found, workers remember losing long cable sections on two different occasions.

According to production records, two erosion failures occurred in the inlet line to the cyclone for the facility, one in October 1976 and the other in December 1977. The vault required extensive cleanup before the failed equipment was replaced. Erosion caused a third failure but no calcine was released because the second fix installed a backup wear pad. For planning purposes, one should assume that relatively high contamination levels exist in the cyclone vault.

### 3.4 Calcined Solids Storage Facility IV

Calcined Solids Storage Facility IV, also known as Bin Set 4, consists of Bins VES-WS4-142, -143, and -144, which are similar to the CSSF III bins except that the stiffening rings are attached externally. Aerojet Nuclear Company of Idaho Falls, Idaho, designed the facility. Capital Westward of Paramount, California, fabricated the bins in 1976 of Type-304 stainless steel.

Each bin is approximately 55 ft tall with a 12-ft diameter.<sup>11</sup> The bin walls range in thickness from 0.375 in. at the top to 0.625 in. at the bottom. The usable volume of CSSF IV is approximately 17,100 ft<sup>3</sup>. Each bin is fitted with two 6-in., Schedule 80, retrieval nozzles. (Note that the Capital Westward fabrication print shows the nozzle fitted with Schedule 80 steel, while the plant drawing shows Schedule 40.) Attached to each nozzle is an 18-ft-long access line capped with 6-in., 150-lb, weld-neck flange.

Internal obstructions to calcine retrieval operations are centerline-mounted, 2-in., Schedule 80, thermowells with their associated support hardware, and five sets of corrosion coupons hung from



separate hangers attached to the wall in each of the bins. The strings of corrosion coupon are installed through one of the two retrieval nozzles for each bin. They are secured to 1/4-in. J hooks welded to the inside of the riser 4 to 5 in. from its opening. These J hooks and the corrosion coupons should be removed before retrieval activities through any of these three nozzles.

Each bin is equipped with a 4-in. seal-welded test vent at the tangent of the bottom head. These nozzles are 4 in. long and capped with a weld cap. The vents are not shown on the plant drawing but can be seen on the installation photos. It may be difficult to retrieve the small amount of calcine in the nozzle.

Figure 5 shows Bin VES-WS4-142 during placement. The 4-in. test vent and drain nozzle is visible on the bottom left just above the ventilation skirt. The bin stiffening rings are clearly visible.

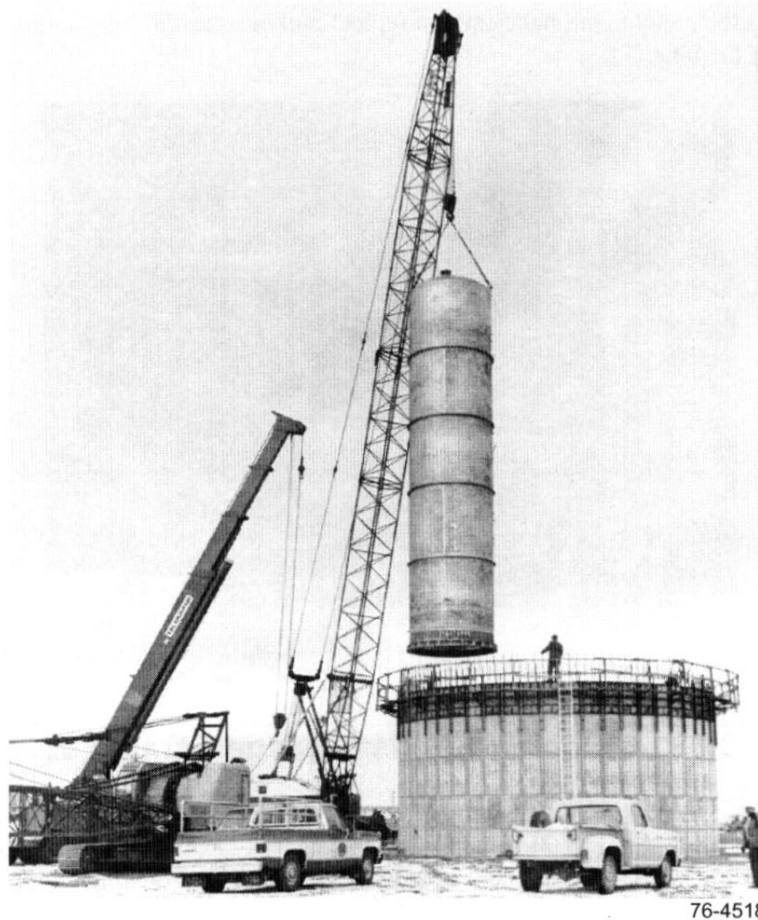


Figure 5. Installation of solids storage Bin VES-WS4-142.

### 3.5 Calcined Solids Storage Facility V

Calcined Solids Storage Facility V, also known as Bin Set 5, consists of seven annular bins, VES-WS5-146, through -152, arranged similarly to those in CSSF III. Facility design was by EG&G Idaho of Idaho Falls, Idaho. Capital Westward of Paramount, California, fabricated the bins in 1978 from Type-304L stainless steel. Capital Westward identified the bins as WCS and not as WS5. Each bin is approximately 50 ft tall with 12-ft outer and 4-ft inner diameters.<sup>12</sup> The outer wall thickness varies from

0.625 in. at the bottom to 0.375 in. at the top, while the inner wall thickness is 0.375 in. throughout. The usable volume of CSSF V is approximately 35,600 ft<sup>3</sup>. Each bin is fitted with four 8-in., Schedule 40, retrieval access risers capped with an 8-in., 150-lb, weld-neck flange. Each riser exits vertically from its vessel connection. Twenty-two risers are 24 ft long, four risers are 36 ft long, and two risers are 37 ft long. Internal obstructions to retrieval operations are two 2-in., Schedule 80, thermowells with their support hardware. Five sets of corrosion coupons are hung on separate hangers in 6-in., Schedule 40, retrieval access risers in Bins VES-WS5-149 and VES-WS5-155.

Capital Westward fabricator prints show each bin equipped with a 1-in. seal-welded, screwed, hydrostatic test vent at the tangent of the top head. These test vents are not shown on the plant drawing. It may be difficult to retrieve the small amount of calcine in the nozzle.

Figure 6 shows the attachment make-up of a typical tank nozzle, fill line, and retrieval line connection for one of the bins.



81-85

Figure 6. Typical bin connection for Calcined Solids Storage Facility V.

### 3.6 Calcined Solids Storage Facility VI

Calcined Solids Storage Facility VI, also known as Bin Set 6, consists of seven annular bins similar to CSSF V: VES-WS6-154 through -160. Facility design was by EG&G Idaho of Idaho Falls, Idaho. The bins were fabricated from Type-304L stainless steel by Mason Steel Fabricating Company of Decatur, Illinois.

Each bin is approximately 67.6 ft tall with 13.5-ft outer and 5-ft inner diameters.<sup>13</sup> The outer wall thickness varies from 1 in. at the bottom to 0.375 in. at the top, while the inner wall thickness is 0.5625 in. throughout. Each bin is fitted with four 8-in., Schedule 40, retrieval access risers, which are attached to 8-in., Schedule 80, nozzles on the vessels and capped with 8-in., 150-lb, weld-neck flanges. Four risers are 39 ft long and 24 risers are 26 ft long. The usable volume of CSSF VI is approximately 53,200 ft<sup>3</sup>.

Internal obstructions to retrieval operations are two 2-in., Schedule 80, thermocouple wells and associated support hardware located near the annular centerline, and five sets of corrosion coupons hung from separate hangers attached to the outer wall in Bins VES-WS6-156 and VES-WS6-159. Although not

an internal obstruction, each bin is equipped with two seal-welded, screwed, hydrostatic test vents at the tangent of the top head. The small amount of calcine in the nozzles may be difficult to retrieve.

Figure 7 is a top view of the distribution piping for CSSF VI. The annular bin design is typical of bins in CSSF V and CSSF VI.



84-680-1-6

Figure 7. Distribution piping for Calcined Solids Storage Facility VI.

### **3.7 Calcined Solids Storage Facility VII**

Calcined Solids Storage Facility VII, also known as Bin Set 7, consists of seven annular bins similar to CSSF VI. Facility design was by EG&G Idaho of Idaho Falls, Idaho. The bins were fabricated from Type-304L stainless steel by Mitternacht Boiler Works of Satsuma, Alabama. Calcined Solids Storage Facility VII currently remains unused.

## 4. INVENTORIES

This report was produced to fill gaps created by lack of an accurate quantitative inventory of the calcined solids stored in the CSSFs. Accurate information is required for detailed evaluation of waste treatment options. Past campaign reporting<sup>14-19</sup> was of a generalized nature. Characterization reporting<sup>20-22</sup> was more specific than the campaign reporting, but did not provide adequate quantitative information. In addition, characterization information about CSSF V and CSSF VI was not completed to the extent it was for CSSF I through VI because of work priorities.<sup>23</sup> Many information sources were diligently searched to collect the more detailed information summarized in the appendixes of this report.

Individual bin inventories reported here have been estimated from calciner liquid feed information. Some of the information that is of current interest, particularly the concentration of long-lived radioactive nuclides and RCRA metals, was not routinely collected at the time of waste generation. To fill in this information gap, the inventories have been estimated based on evaluation of available information and process knowledge.

Data are not correct to the number of significant figures presented in the various graphs and tables. A review<sup>24</sup> of the statistical error was made that determined that the relative error bound for the calcine inventory is 14% at a 95% confidence level.

Plots of the data found in Revision 1 were presented in an addendum<sup>25</sup>. The addendum report presented a thorough discussion of the inventory estimates for the various species in the calcine. The report and its associated spreadsheets are found in the addendum folder, *ICP-EXT-04-00370 Calcine Addendum Report Files*, on the CD attached to the jacket. The preparation of the addendum revealed opportunities for refinement<sup>26</sup> of the source term used to predict the chemical and radionuclide inventories. The refinements were made and the results are reflected in the revised tables and graphs included in this revision.

Refinement in the SBW source term estimate was recommended<sup>27</sup> by Swenson. The earlier source term adjusted radionuclide concentrations based on analytical results. Some of the analytical data had been incorrectly incorporated into the source term. For example the analytical result used for Np had been reported as a "less than" result. Use of this "less than" result gave high estimates for Np and its daughters.

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g. M. M. Dumas to M. D. Staiger, "NWCF Campaign H-3 (1993 Portion) Feed Data," MMD-02-94, Interdepartmental Communication, Idaho National Engineering Laboratory, Westinghouse Idaho Nuclear Company, Idaho Falls, Idaho, April 1, 1994.

h. J. R. Thomas to K. F. Childs and M. D. Staiger, "Measurement Error Analysis for Calcine Verification Study," IRT-01-02, Internal Memorandum, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho, March 8, 2002.

i. M. C. Swenson to J. I. Pruitt, "Recommendations for Modifications to the Historical Processing Model Estimates of Radioactivity in INTEC Calcine," MCS-02-04, Interoffice Memorandum, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, April 19, 2004.

j. M. C. Swenson to M. W. Patterson, "Improved Radionuclide Source Term for Sodium-Bearing Waste," MCS-02-04, Interoffice Memorandum, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, October 26, 2004.

The SBW source term was modified and now produces more realistic inventory estimates for calcine produced during SBW processing

## 4.1 Chemical

Chemical information was compiled from original Tank Farm and calciner feed tank sample analysis reports; transcribed analysis information found in reports, letters, and data sheets; process knowledge; and miscellaneous notes. These data were adjusted to account for dilution and chemical adjustment, where appropriate. Where analytical determinations were not made and the constituent was known to be present, estimates were added to more accurately quantify the chemical content of the calcine. Chemical additives, volumes, and concentrations were determined from individual feed batch makeup sheets or were estimated. Table A7 of Appendix A is a spreadsheet that summarizes the best available chemical analysis information.

The total amount of material in individual bins was estimated by summing the volume and concentration of batches fed to the process. The batch masses were distributed between the several bins in the bin set according to the filling sequence. The bin filling sequence was estimated using bin thermocouple data. The bin thermocouples showed a sharp increase in temperature when covered with calcine and thus provided bin level indication. The thermocouple data often varied between weekly and monthly intervals. Thus they did not provide an exact correlation between a given date and a given calcine level. Therefore, the filling sequences and dates were “fine tuned” in an iterative process to produce expected product bulk density values. Chemical amounts are reported in Table A11. Compound chemistry can be estimated using the method proposed by O’Brien.<sup>23</sup>

Proposed treatments of the calcine could remove cesium and strontium fractions. The quantities of these species have been estimated. The estimated quantities incorporate the assumption that the quantities come from two sources. The first source is the fission product, while the second source is from contaminants<sup>k</sup> in added chemicals and startup bed material. An average value found in the reference literature<sup>24</sup> was used to approximate the quantity of strontium and cesium added as startup bed because analyses for the species in the bed material were unavailable. Nonradioactive strontium additions were estimated with additional undocumented information provided by the chemical suppliers. Note that the bulk of the calcium nitrate was manufactured from phosphate sources that are relatively rich in strontium (as high as 2,600 ppm strontium).

The quantity of mercury in the calcined product was adjusted to reflect observed<sup>2</sup> mercury retention in the calcined product. The assumption was made that 70% of the mercury in the feed was retained in the product for WCF calcine Campaigns 1, 2, and 3. These campaigns were operated with the calciner at 400°C. Subsequent campaigns operated at 500+°C. Retention of 1% was assumed during high-temperature operation. This assumption is supported by the following findings:

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k. K. N. Brewer to M. D. Staiger, “Total CS and SR Concentrations in INTEC Sodium-Bearing and Calcine Wastes,” KNB-07-98, Interdepartmental Correspondence, Idaho National Engineering and Environmental Laboratory, Lockheed Martin Idaho Technologies Company, Idaho Falls, Idaho, June 25, 1998.

- Calcine dissolution resulting from the processing of mercury-containing feed during NWCF Campaign Hot Run 4(H-4) showed approximately 50-ppm mercury present.<sup>1</sup> If internal recycle is neglected, this represents 0.5% retention of the mercury fed.
- A mass balance<sup>m</sup> for mercury was determined during the fourth NWCF processing campaign. This work was to confirm pilot plant work reported by Newby.<sup>25</sup> Newby reported that an insignificant fraction of feed stream mercury (approximately 0.5%) is present with the fines of dilute zirconium feed. This fraction is even less for the calcined product.
- Newby reported<sup>26</sup> that 1.7% of the mercury is found in the sodium-bearing waste fines when aluminum nitrate is used as a calcining process additive, and 0.13% when dilute zirconium feed is the additive. The retention is substantially lower for bed material.

This report revision includes estimates of several RCRA metals that were not included in previous revisions. The inventories of four additions, arsenic, barium, selenium, and silver, are estimated from fission production. Liquid waste analyses for these constituents were made in the early 1990's, however, the results were typically "less than" laboratory detection limits or inconsistent

Inventories for a fifth addition, lead, are based on a few measurements of lead concentration in the liquid waste during RCRA characterization of Tank Farm wastes in the early 1990s and from a few earlier analyses of sodium-bearing waste. The lead in the waste comes from decontamination solution dissolution of lead shielding material.

Chromium was included in previous report revisions but was modified in this revision to include additional sources of trace quantities of chromium. Some alloys used in the fabrication of aluminum type SNF contained small concentrations of chromium (usually alloy 6061, nominally 0.2 wt% Cr), while the others (usually alloy 1100) did not. The SNF processing information was reviewed to determine the amounts of those specific fuels that were processed. Chromium inventories were adjusted to reflect this additional source of chromium. In addition chromium was sometimes used as an oxidant for improved uranium recovery during solvent extraction. Chromium was added to waste which was known to have contained the oxidant. The addition was based on the aluminum to chromium ratio reported in the solvent extraction flowsheet.

Cadmium and mercury inventories remain essentially unchanged from Revision 1 because these were used in relatively large amounts during processing and were included in historical waste sample analyses that established the inventory estimates.

Analysis of archived calcine solids showed the presence of sodium, potassium, magnesium, and iron. These species were reported in the earlier report revisions, but the inventories were incomplete because they were based on analytical data from some, but not all, wastes. The previous revision underestimated the amounts of these species because waste streams for which no sample data existed were

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1. R. S. Herbst to M. D. Staiger, "Mercury and Chloride Analysis in Calcines Produced in NWCF Campaign H-4," RSH-07-98, Interdepartmental Correspondence, Idaho National Engineering and Environmental Laboratory, Lockheed Martin Idaho Technologies Company, Idaho Falls, Idaho, December 7, 1998.

m. R. E. Schindler to B. H. O'Brien, "Mercury Behavior During NWCF Run H-4 Operation," Interdepartmental Correspondence, Idaho National Engineering and Environmental Laboratory, Lockheed Martin Idaho Technologies Company, Idaho Falls, Idaho, Schi-25-97, October 16, 1997.

treated as not having any of these components. The waste stream compositions have been adjusted to estimate species for which no analytical data exist based on analytical data of chemically similar wastes.

Carbonate inventories were overstated in the earlier revision because of the conversion of the carbonate ion into gaseous CO<sub>2</sub> when blown-over start-up bed is removed by the off-gas scrubbing system and dissolved by the acidic scrub solution. The inventory has been revised to reflect that one half of the original bed charged to the calciner during startup was blown-over to the scrub system, where the carbonate was lost as CO<sub>2</sub>.

## 4.2 Radiochemical

The radionuclide concentrations were derived from measured inputs and calculated estimates. Limited definitive information was provided on radionuclides at the time of fuel shipment to INTEC. The radioactivity used to calculate the individual feed stream radiochemistry is tabulated in Table A9 of Appendix A. Extensive mixing of the reprocessing waste in the Tank Farm and the unavailability of reactor physics information complicate the reconstruction of inventories and distributions, which is necessary for detailed radionuclide estimation. To overcome these deficiencies, a methodology was conceived in which the fission product inventories for the unanalyzed nuclides were estimated using a recognized computer code, ORIGEN2 — *A Revised and Updated Version of the Oak Ridge Isotope Generation and Depletion Code*.<sup>27</sup>

Table A10 in Appendix A presents the radionuclide concentrations in the various feed streams processed through the calciners. Table A10 was generated from a list of nuclides indicated to be of interest for waste classification pursuant to the Federal Register<sup>28</sup> found in Tables 1 and 2 in 10 Code of Federal Regulations (CFR) 61.55. Tank closure work reported at the Savannah River Site in Aiken, South Carolina, used a similar approach.<sup>29</sup> The 10 CFR 61.55 tables specify limits for alpha-emitting transuranics with a half-life greater than 5 years and other nuclides with a half-life less than 5 years. Greater than 90% of the activity of the short-lived lanthanide series nuclides is caused by <sup>231</sup>Th and <sup>233</sup>Pa. Other nuclides were not included because their contributions were nominal. Also excluded from Table A10 were (1) species that are volatile or combustible during calcination (<sup>3</sup>H and <sup>14</sup>C), because these are not expected to be present in the calcine; (2) activated metal species, because no activated metal was stored with the calcine; and (3) <sup>129</sup>I because measurements<sup>n</sup> have confirmed that only a small fraction of the iodine present in the reprocessed fuel is potentially sent to calcined waste storage. The result of implementing these selection criteria is the following listing of nuclides: <sup>63</sup>Ni, <sup>90</sup>Sr, <sup>90</sup>Y, <sup>99</sup>Tc, <sup>126</sup>Sb, <sup>126m</sup>Sb, <sup>137m</sup>Ba, <sup>137</sup>Cs, <sup>231</sup>Th, <sup>233</sup>Pa, <sup>237</sup>Np, <sup>238</sup>Pu, <sup>239</sup>Pu, <sup>240</sup>Pu, <sup>241</sup>Pu, and <sup>241</sup>Am.

The reader can estimate the concentration of any nuclide using D. R. Wenzel's calculation data. These data can be found on the accompanying compact disk (see file Wen R5.xls). Wenzel estimated that the activities are representative to within a factor of 2.<sup>27</sup> (see p. 54)

The following relationship was used to generate the concentrations given in the table.

$$\text{Conc. of nuclide } Y_{2016} = \text{Est. conc. of } ^{137}\text{Cs}_{2016} / \text{Wenzel conc. } ^{137}\text{Cs}_{2016} * \text{Wenzel conc. } Y_{2016}.$$

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n. G. J. McManus to W. G. Robson, "Iodine-129 Mass Balance and Characterization During 1987–1988 FDP and NWCF Campaign," GJM-16-90, Interdepartmental Communication, Idaho National Engineering Laboratory, Westinghouse Idaho Nuclear Company, Idaho Falls, Idaho, August 15, 1990.

The nuclide concentrations in the various feed streams, shown in Table A10, were estimated based on measured concentration for  $^{137}\text{Cs}$  and decayed to 2016. The assumption was made that the cesium was not preferentially concentrated in plant waste and that ratios in the waste are the same as those in the parent fuel prior to reprocessing. This assumption is a first approximation and is not entirely accurate because it is in turn based on the assumption that the radionuclides were stored together in a single volume of waste. However, during periods of plant operation, raffinate streams were stored separately. The term raffinate, defined as the waste from refinement processes, was used at INTEC to refer to the waste products from the refinement of waste involved in first-, second-, and third-cycle reprocessing of spent nuclear fuel. Historically, the raffinates were separated into two categories: high-level waste from first-cycle extraction and sodium-bearing waste from second- and third-cycle extraction, which were blended with other types of waste. Typically, second and third cycle extraction waste contained higher transuranic activity relative to Cs-137 than first cycle waste. The radioactivity models were adjusted to account for this partitioning based upon sample data of the various waste streams.

This revision corrects for a period of time when neptunium was recovered at the plant during the mid 1960's to early 1970's. The source term of the earlier revision used a neptunium depleted raffinate when generating the source term. A significant fraction of the raffinates were not neptunium depleted therefore the Np inventory was under estimated in those wastes. The new source term corrected this error. When analytical results were unavailable for raffinates that experienced Np recovery adjustments were made to correct for the lower expected inventory.

Stream #86 had an additional complication because it was a mixture of SBW and HLW and was labeled as SBW in Revision 1. Blending HLW and SBW wastes produced a waste stream with a cesium concentration of stream ~240 mCi/l. Normal SBW is ~50 mCi/l and HLW is closer to ~800 mCi/l. Thus stream #86 had a much higher Cs-137 activity than typical SBW. This coupled with relatively high transuranic and uranium to Cs-137 ratios for SBW caused the model to predict higher than expected uranium and transuranic inventories. This was observable as a "hump" in the Th-231, Pa-233, Np-237, Pu isotopes, and Am-241 plots in the CSSF VI inventories in the addendum report. The predicted inventories in Stream #86 were improved by building its inventory with appropriate portions of HLW and SBW. These changes produced a more reasonable inventory estimate and eliminated the "humps" in the CSSF VI plots.

### 4.3 Filling Summaries

Tables A1 through A6 in Appendix A summarize the operation of the WCF and NWCF on a batch-by-batch basis. However, batch information for WCF Campaign 1 and most of Campaign 2 could not be found and was estimated by taking the amount of waste calcined each month and dividing it into a reasonable number of batches based upon calcination history and process knowledge. Tables A11 and A12 in Appendix A were prepared based on these batch data. These tables summarize production estimates on bin filling and represent, in a simplified manner, the expected distribution of chemical and radiochemical species in each bin. Horizon breaks (the interval between thermocouples) were estimated based on temperature measurements (physical measurement of bin filling was done infrequently) during filling operations. Tables A14 and A15 in Appendix A provide estimated storage facility totals for principal radioactive and elemental species.

The filling chronology<sup>o</sup> for the various bins had been prepared for only a few bins. Graphs of the filling history (see Figures B25 through B30 in Appendix B) for each bin were prepared for this report

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o. J. W. Garner to L. J. Weber. "Temperatures in Present Solids Storage Facilities," JWG-94-64A, Internal Correspondence, National Reactor Testing Station, Phillips Petroleum Co., Atomic Division, Idaho Falls, Idaho, December 22, 1964.



from available temperature measurement data. Because temperature readings were taken infrequently, the plots are not completely accurate. For example, the thermocouple may have been covered shortly before or after data collection. Operational interruptions were taken into account where appropriate. These graphs were used to estimate solids production rates in an attempt to quantify the concentration of chemical and radiochemical species listed in Tables A11 and A12.

#### **4.3.1 Calcined Solids Storage Facility I**

Calcined Solids Storage Facility I was used to collect calcine during cold testing of the WCF, which took place between February 1961 and November 1962. Before radioactive startup, the nonradioactive testing calcine was removed. During the first WCF processing campaign, which ran from late November 1963 to October 1964,<sup>14</sup> the bins were filled with nonradioactive alumina startup bed and radioactive alumina calcine.

Based in the information in Appendix A and summarized in Table 1, approximate volumes of calcine sent to storage in CSSF I are 200 ft<sup>3</sup> of cold alumina calcine from calciner startup and 7,600 ft<sup>3</sup> of radioactive alumina calcine. The facility contains about  $3.0 \times 10^6$  Ci of activity decayed to January 1, 2016. The highest temperature recorded in the CSSF I was 435°F, in Bin VES-WCS-115-3-B in November 1964. The estimated chemical composition for the solids is documented in Table A11. A breakdown by major radionuclides is documented in Table A12.

#### **4.3.2 Calcined Solids Storage Facility II**

Calcined Solids Storage Facility II was placed in radioactive service in April 1966 with the startup of WCF Campaign 2. The complete production output of calcine from WCF Campaigns 2, 3, and 4<sup>15,16,17</sup> are stored in CSSF II, which was filled in February 1972, approximately during the middle of WCF Campaign 5.<sup>18</sup>

The facility was filled with alumina and zirconia calcines. Based in the information in Appendix A and summarized in Table 1, approximate volumes of calcine sent to storage are 900 ft<sup>3</sup> of dolomite and cold alumina, 10,000 ft<sup>3</sup> of hot alumina calcine, and 19,100 ft<sup>3</sup> of hot zirconia calcine. It contains about  $6.4 \times 10^6$  Ci of activity decayed to January 1, 2016. The highest temperature recorded in the CSSF II was 1,284°F, in Bin VES-WCS-136-3 in August 1969. The estimated chemical composition for the solids is documented in Table A11. A breakdown by major radionuclides is documented in Table A12.

The design of CSSF II included provisions for calcined product segregation. Collection of calcine in either Bins VES-WCS-136-1 or -2 could be achieved by use of a diverter. Separate storage of zirconia and alumina calcines was planned, but when the diverter system was activated in WCF Campaign 2, separation of the two calcines was not achieved because the feed pipe to the diverter became plugged. The plug was cleared after the campaign.

The solids in two of the CSSF II bins were sampled in 1978. Samples of alumina-type calcine stored in Bin VES-WCS-136-3 and zirconia-type calcine stored in Bin VES-WCS-136-7 were obtained by inserting a long probe into the full bins. The probe retrieved material at multiple depths throughout each bin. This sampling and analysis effort<sup>30</sup> confirmed that stored calcine had not agglomerated or consolidated into a large irretrievable mass.

The intention was to sequentially fill the bins from overflow lines located at increasing elevations on the distributor pipe in the following order: Bins VES-WCS-136-4, -3, -5, -7, and -6. For the most part, this was realized. However, the central distributor pipe allowed small amounts of solids to accumulate in

other bins (see filling curves in Figure B26 in Appendix B). Consequently, the exact composition of the calcine stored in the lowest areas of the bins is uncertain.

#### **4.3.3 Calcined Solids Storage Facility III**

Calcined Solids Storage Facility III was placed in radioactive service in February 1972, which was approximately in the middle of WCF Campaign 5. It was filled in March 1981 with the completion of WCF Campaign 9.<sup>19</sup>

The facility was filled with alumina, stainless steel, zirconia, and zirconia-sodium blend calcines produced during the fifth, sixth, seventh, eighth, and ninth WCF processing campaigns. Based in the information in Appendix A and summarized in Table 1, approximate volumes of calcine sent to storage are 3,500 ft<sup>3</sup> of cold alumina, 1,100 ft<sup>3</sup> of dolomite and fluorapatite from calciner startup, 2,300 ft<sup>3</sup> of hot alumina, 26,050 ft<sup>3</sup> of zirconia, 6,500 ft<sup>3</sup> of zirconia-sodium blend, and 50 ft<sup>3</sup> of calcine from stainless-steel waste processing (blended with zirconium waste). The CSSF contains about  $7.4 \times 10^6$  Ci of activity decayed to 1 January 2016. The highest temperature recorded in CSSF III was 640°F, in Bin VES-WCS-140-3 in June 1968. The estimated chemical composition for the solids is documented in Table A11. A breakdown by major radionuclides is documented in Table A12.

The design of CSSF III included provisions for calcine segregation. Collection of calcine in Bin VES-WCS-140-1 could be achieved by use of a diverter. The other bins were intended to fill concurrently. However, data indicate some preferential filling occurring, which could be attributed to plugging of the fill line (see filling curves in Figure B27 of Appendix B).

#### **4.3.4 Calcined Solids Storage Facility IV**

Calcined Solids Storage Facility IV was used to collect calcine from July 1981 to June 1982, during the nonradioactive testing of the NWCF. Before radioactive startup, a commercial contractor removed the nonradioactive calcine.<sup>p</sup> The bins were filled with hot calcine between August 1982 and July 1983 (during the first half of NWCF Campaign 1). After May 30, 1983, the diverter<sup>22</sup> in the solids distribution outlet was used to divert solids to Bin VES-WS4-143. Indications were that the normal fill pipe leading from the distributor to the bin had become restricted (see filling curves in Figure B28 in Appendix B). All bins in the CSSF were filled by July 15, 1983, after which solids storage operations were switched to CSSF V.

The facility was primarily filled with zirconia and zirconia-sodium blend calcines. Based in the information in Appendix A and summarized in Table 1, approximate volumes of calcine sent to storage are 600 ft<sup>3</sup> of cold alumina and dolomite from calciner startup, 100 ft<sup>3</sup> of hot alumina-zirconia blend, 5,100 ft<sup>3</sup> of zirconia, and 11,300 ft<sup>3</sup> of zirconia-sodium blend calcines. The CSSF contains about  $4.1 \times 10^6$  Ci of activity decayed to January 1, 2016. The highest temperature recorded in CSSF IV was 601°F, in VES-WS4-142 in October 1983. The estimated chemical composition for the solids is documented in Table A11. The estimated composition of the major radionuclides is documented in Table A12.

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p. C. L. Fawcett, retired Westinghouse Idaho Nuclear Company employee, phone conversation with M. D. Staiger, December 10, 2002.

#### **4.3.5 Calcined Solids Storage Facility V**

Calcined Solids Storage Facility V was placed in radioactive service in July 1983, midway through NWCF Campaign 1. It filled in January 1992, about mid-way through NWCF Campaign 3 (see filling curves in Figure B29 in Appendix B).

The facility was filled with alumina, zirconia, zirconia-sodium blend, zirconia-sodium-ROVER blend, and sodium-ROVER blend calcines. Based in the information in Appendix A and summarized in Table 1, approximate calcine volumes are 2,800 ft<sup>3</sup> of cold alumina and dolomite from calciner startup, 50 ft<sup>3</sup> of pilot plant calciner product, and 32,800 ft<sup>3</sup> of hot calcine from processing of aluminum-, zirconium-, ROVER-, and sodium-blended feed stocks. The facility contains about  $9.0 \times 10^6$  Ci of activity decayed to January 1, 2016. The highest temperature recorded in CSSF V was 239°F, in Bin VES-WS5-146 in July 1988. The estimated chemical composition for the solids is documented in Table A11. A breakdown by major radionuclides is documented in Table A12.

#### **4.3.6 Calcined Solids Storage Facility VI**

Calcined Solids Storage Facility VI was placed in radioactive service in January of 1993, about midway through NWCF Campaign 3. It was 48% full at the time this report was prepared. Reported waste volumes include waste processed during NWCF Campaign 4 through May 2000.

The facility was partially filled with alumina, zirconia-alumina-sodium blend, and nonradioactive aluminum nitrate-sodium-bearing waste blend calcines produced during the third and fourth NWCF processing campaigns. Based in the information in Appendix A and summarized in Table 1, approximate volumes of calcine are 100 ft<sup>3</sup> of pilot plant calciner product, 1,400 ft<sup>3</sup> of cold alumina and dolomite from calciner startup, and 24,100 ft<sup>3</sup> of hot calcine. The CSSF contains about  $2.4 \times 10^6$  Ci of activity decayed to January 1, 2016 from calcine generated through May 2000. The highest temperature recorded in CSSF VI was 153°F, in Bin VES-WS6-154 in August 1994. The estimated chemical composition for the solids is documented in Table A11. A breakdown by major radionuclides is documented in Table A12.



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**Appendix A**

**Pertinent Data and Summaries of Data Manipulations**

# Appendix A

## Data and Data Manipulation Summaries

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Table A1. Calciner Feed to Calcined Solids Storage Facility I.

Feed Stream													Cold Chemicals						
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code <sup>a</sup>	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-1	30	11	63	CC	Cold Calcine (approx. 77 cubic feet)														
H-1	30	11	63	1C	Cold							5427	91	1222	1.74	0.039	2.9		
H-1	1	12	63	2C	Cold									1222	1.74	0.039	2.9		
H-1	2	12	63	3C	Cold									1222	1.74	0.039	2.9		
H-1	3	12	63	4C	Cold									1222	1.74	0.039	2.9		
H-1	4	12	63	5C	Cold									1222	1.74	0.039	2.9		
H-1	5	12	63	6C	Cold									1222	1.74	0.039	2.9		
H-1	6	12	63	7C	Cold									1222	1.74	0.039	2.9		
H-1	7	12	63	8C	Cold									1222	1.74	0.039	2.9		
H-1	8	12	63	9C	Cold									1222	1.74	0.039	2.9		
H-1	8	12	63	1	WM-185	1106	1										2.7		
H-1	9	12	63	2	WM-185	1106	1										2.7		
H-1	10	12	63	3	WM-185	1106	1										2.7		
H-1	10	12	63	4	WM-185	1106	1										2.7		
H-1	11	12	63	5	WM-185	1106	1										2.7		
H-1	12	12	63	6	WM-185	1106	1										2.7		
H-1	13	12	63	7	WM-185	1106	1										2.7		
H-1	13	12	63	8	WM-185	1106	1										2.7		
H-1	14	12	63	9	WM-185	1106	1										2.7		
H-1	15	12	63	10	WM-185	1106	1										2.7		
H-1	16	12	63	11	WM-185	1106	1										2.7		
H-1	16	12	63	12	WM-185	1106	1										2.7		
H-1	17	12	63	13	WM-185	1106	1										2.7		
H-1	18	12	63	14	WM-185	1106	1										2.7		
H-1	19	12	63	15	WM-185	1106	1										2.7		
H-1	19	12	63	16	WM-185	1106	1										2.7		
H-1	20	12	63	17	WM-185	1106	1										2.7		
H-1	21	12	63	18	WM-185	1106	1										2.7		
H-1	22	12	63	19	WM-185	1106	1										2.7		
H-1	22	12	63	20	WM-185	1106	1										2.7		
H-1	23	12	63	21	WM-185	1106	1										2.7		
H-1	24	12	63	22	WM-185	1106	1										2.7		
H-1	25	12	63	23	WM-185	1106	1										2.7		
H-1	25	12	63	24	WM-185	1106	1										2.7		
H-1	26	12	63	25	WM-185	1106	1										2.7		
H-1	27	12	63	26	WM-185	1106	1										2.7		
H-1	28	12	63	27	WM-185	1106	1										2.7		
H-1	28	12	63	28	WM-185	1106	1										2.7		
H-1	29	12	63	29	WM-185	1106	1										2.7		
H-1	30	12	63	30	WM-185	1106	1										2.7		
H-1	31	12	63	31	WM-185	1106	1										2.7		
H-1	31	12	63	32	WM-185	1106	1										2.7		
H-1	1	1	64	33	WM-185	1106	1										2.7		
H-1	2	1	64	34	WM-185	1106	1										2.7		
H-1	3	1	64	35	WM-185	1106	1										2.7		
H-1	3	1	64	36	WM-185	1106	1										2.7		
H-1	4	1	64	37	WM-185	1106	1										2.7		
H-1	5	1	64	38	WM-185	1106	1										2.7		
H-1	6	1	64	39	WM-185	1106	1										2.7		
H-1	6	1	64	40	WM-185	1106	1										2.7		
H-1	7	1	64	41	WM-185	1106	1										2.7		
H-1	8	1	64	42	WM-185	1106	1										2.7		
H-1	9	1	64	43	WM-185	1106	1										2.7		
H-1	9	1	64	44	WM-185	1106	1										2.7		
H-1	10	1	64	45	WM-185	1106	1										2.7		
H-1	11	1	64	46	WM-185	1106	1										2.7		
H-1	12	1	64	47	WM-185	1106	1										2.7		
H-1	12	1	64	48	WM-185	1106	1										2.7		
H-1	13	1	64	49	WM-185	1106	1										2.7		
H-1	14	1	64	50	WM-185	1106	1										2.7		
H-1	15	1	64	51	WM-185	1106	1										2.7		
H-1	15	1	64	52	WM-185	1106	1										2.7		
H-1	16	1	64	53	WM-185	1106	1										2.7		
H-1	17	1	64	54	WM-185	1106	1										2.7		
H-1	18	1	64	55	WM-185	1106	1										2.7		
H-1	18	1	64	56	WM-185	1106	1										2.7		
H-1	19	1	64	57	WM-185	1106	1										2.7		

a - Code refers to a particular feed stream composition shown in Tables A8 and A10

Table A1. Calciner Feed to Calcined Solids Storage Facility I. (continued)

WCF	Date			Batch	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-1	20	1	64	58	WM-185	1106	1											2.7
H-1	21	1	64	59	WM-185	1106	1											2.7
H-1	21	1	64	60	WM-185	1106	1											2.7
H-1	22	1	64	61	WM-185	1106	1											2.7
H-1	23	1	64	62	WM-185	1106	1											2.7
H-1	24	1	64	63	WM-185	1106	1											2.7
H-1	24	1	64	64	WM-185	1106	1											2.7
H-1	25	1	64	65	WM-185	1106	1											2.7
H-1	26	1	64	66	WM-185	1106	1											2.7
H-1	27	1	64	67	WM-185	1106	1											2.7
H-1	28	1	64	68	WM-185	1106	1											2.7
H-1	29	1	64	69	WM-185	1106	1											2.7
H-1	29	1	64	70	WM-185	1106	1											2.7
H-1	30	1	64	71	WM-185	1106	1											2.7
H-1	31	1	64	72	WM-185	1106	1											2.7
H-1	31	1	64	73	WM-185	1106	1											2.7
H-1	1	2	64	74	WM-185	1106	1											2.7
H-1	2	2	64	75	WM-185	1106	1											2.7
H-1	3	2	64	76	WM-185	1106	1											2.7
H-1	3	2	64	77	WM-185	1106	1											2.7
H-1	4	2	64	78	WM-185	1106	1											2.7
H-1	5	2	64	79	WM-185	1106	1											2.7
H-1	5	2	64	80	WM-185	1106	1											2.7
H-1	6	2	64	81	WM-185	1106	1											2.7
H-1	7	2	64	82	WM-185	1106	1											2.7
H-1	8	2	64	83	WM-185	1106	1											2.7
H-1	8	2	64	84	WM-185	1106	1											2.7
H-1	9	2	64	85	WM-185	1106	1											2.7
H-1	10	2	64	86	WM-185	1106	1											2.7
H-1	10	2	64	87	WM-185	1106	1											2.7
H-1	11	2	64	88	WM-185	1106	1											2.7
H-1	12	2	64	89	WM-185	1106	1											2.7
H-1	12	2	64	90	WM-185	1106	1											2.7
H-1	13	2	64	91	WM-185	1106	1											2.7
H-1	14	2	64	92	WM-185	1106	1											2.7
H-1	15	2	64	93	WM-185	1106	1											2.7
H-1	15	2	64	94	WM-185	1106	1											2.7
H-1	16	2	64	95	WM-185	1106	1											2.7
H-1	17	2	64	96	WM-185	1106	1											2.7
H-1	17	2	64	97	WM-185	1106	1											2.7
H-1	18	2	64	98	WM-185	1106	1											2.7
H-1	19	2	64	99	WM-185	1106	1											2.7
H-1	19	2	64	100	WM-185	1106	1											2.7
H-1	20	2	64	101	WM-185	1106	1											2.7
H-1	21	2	64	102	WM-185	1106	1											2.7
H-1	22	2	64	103	WM-185	1106	1											2.7
H-1	22	2	64	104	WM-185	1106	1											2.7
H-1	23	2	64	105	WM-185	1106	1											2.7
H-1	24	2	64	106	WM-185	1106	1											2.7
H-1	24	2	64	107	WM-185	1106	1											2.7
H-1	25	2	64	108	WM-185	1106	1											2.7
H-1	26	2	64	109	WM-185	1106	1											2.7
H-1	26	2	64	110	WM-185	1106	1											2.7
H-1	27	2	64	111	WM-185	1106	1											2.7
H-1	28	2	64	112	WM-185	1106	1											2.7
H-1	28	2	64	113	WM-185	1106	1											2.7
H-1	29	2	64	114	WM-185	1106	1											2.7
H-1	1	3	64	115	WM-185	1106	1											2.7
H-1	1	3	64	116	WM-185	1106	1											2.7
H-1	2	3	64	117	WM-185	1106	1											2.7
H-1	3	3	64	118	WM-185	1106	1											2.7
H-1	3	3	64	119	WM-185	1106	1											2.7
H-1	4	3	64	120	WM-185	1106	1											2.7
H-1	5	3	64	121	WM-185	1106	1											2.7
H-1	5	3	64	122	WM-185	1106	1											2.7
H-1	6	3	64	123	WM-185	1106	1											2.7
H-1	8	3	64	124	WM-185	1106	1											2.7
H-1	8	3	64	125	WM-185	1106	1											2.7

Table A1. Calciner Feed to Calcined Solids Storage Facility I. (continued)

WCF	Date			Batch	Feed Stream												Cold Chemicals			
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>2</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>		
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb		
H-1	9	3	64	126	WM-185	1106	1											2.7		
H-1	10	3	64	127	WM-185	1106	1											2.7		
H-1	10	3	64	128	WM-185	1106	1											2.7		
H-1	11	3	64	129	WM-185	1106	1											2.7		
H-1	12	3	64	130	WM-185	1106	1											2.7		
H-1	12	3	64	131	WM-185	1106	1											2.7		
H-1	13	3	64	132	WM-185	1106	1											2.7		
H-1	14	3	64	133	WM-185	1106	1											2.7		
H-1	14	3	64	134	WM-185	1106	1											2.7		
H-1	15	3	64	135	WM-185	1106	1											2.7		
H-1	16	3	64	136	WM-185	1106	1											2.7		
H-1	16	3	64	137	WM-185	1106	1											2.7		
H-1	17	3	64	138	WM-185	1106	1											2.7		
H-1	17	3	64	139	WM-185	1106	1											2.7		
H-1	19	3	64	140	WM-185	1106	1											2.7		
H-1	19	3	64	141	WM-185	1106	1											2.7		
H-1	20	3	64	142	WM-185	1106	1											2.7		
H-1	21	3	64	143	WM-185	1106	1											2.7		
H-1	22	3	64	144	WM-185	1106	1											2.7		
H-1	22	3	64	145	WM-185	1106	1											2.7		
H-1	23	3	64	146	WM-185	1106	1											2.7		
H-1	24	3	64	147	WM-185	1106	1											2.7		
H-1	24	3	64	148	WM-185	1106	1											2.7		
H-1	25	3	64	149	WM-185	1106	1											2.7		
H-1	26	3	64	150	WM-185	1106	1											2.7		
H-1	26	3	64	151	WM-185	1106	1											2.7		
H-1	27	3	64	152	WM-185	1106	1											2.7		
H-1	28	3	64	153	WM-185	1106	1											2.7		
H-1	28	3	64	154	WM-185	1106	1											2.7		
H-1	29	3	64	155	WM-187	1144	2											2.8		
H-1	30	3	64	156	WM-187	1144	2											2.8		
H-1	30	3	64	157	WM-187	1144	2											2.8		
H-1	31	3	64	158	WM-187	1144	2											2.8		
H-1	1	4	64	159	WM-187	1144	2											2.8		
H-1	1	4	64	160	WM-187	1144	2											2.8		
H-1	2	4	64	161	WM-187	1144	2											2.8		
H-1	3	4	64	162	WM-187	1144	2											2.8		
H-1	3	4	64	163	WM-187	1144	2											2.8		
H-1	4	4	64	164	WM-187	1144	2											2.8		
H-1	5	4	64	165	WM-187	1144	2											2.8		
H-1	5	4	64	166	WM-187	1144	2											2.8		
H-1	6	4	64	167	WM-187	1144	2											2.8		
H-1	7	4	64	168	WM-187	1144	2											2.8		
H-1	7	4	64	169	WM-187	1144	2											2.8		
H-1	8	4	64	170	WM-187	1144	2											2.8		
H-1	9	4	64	171	WM-187	1144	2											2.8		
H-1	9	4	64	172	WM-187	1144	2											2.8		
H-1	10	4	64	173	WM-187	1144	2											2.8		
H-1	11	4	64	174	WM-187	1144	2											2.8		
H-1	11	4	64	175	WM-187	1144	2											2.8		
H-1	12	4	64	176	WM-187	1144	2											2.8		
H-1	13	4	64	177	WM-187	1144	2											2.8		
H-1	13	4	64	178	WM-187	1144	2											2.8		
H-1	14	4	64	179	WM-187	1144	2											2.8		
H-1	15	4	64	180	WM-187	1144	2											2.8		
H-1	15	4	64	181	WM-187	1144	2											2.8		
H-1	16	4	64	182	WM-187	1144	2											2.8		
H-1	17	4	64	183	WM-187	1144	2											2.8		
H-1	17	4	64	184	WM-187	1144	2											2.8		
H-1	18	4	64	185	WM-187	1144	2											2.8		
H-1	19	4	64	186	WM-187	1144	2											2.8		
H-1	19	4	64	187	WM-187	1144	2											2.8		
H-1	20	4	64	188	WM-187	1144	2											2.8		
H-1	21	4	64	189	WM-187	1144	2											2.8		
H-1	21	4	64	190	WM-187	1144	2											2.8		
H-1	22	4	64	191	WM-187	1144	2											2.8		
H-1	23	4	64	192	WM-187	1144	2											2.8		
H-1	23	4	64	193	WM-187	1144	2											2.8		

Table A1. Calciner Feed to Calcined Solids Storage Facility I. (continued)

				Feed Stream										Cold Chemicals				
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-1	24	4	64	194	WM-187	1144	2										2.8	
H-1	25	4	64	195	WM-187	1144	2										2.8	
H-1	25	4	64	196	WM-187	1144	2										2.8	
H-1	26	4	64	197	WM-187	1144	2										2.8	
H-1	26	4	64	198	WM-187	1144	2										2.8	
H-1	27	4	64	199	WM-187	1144	2										2.8	
H-1	28	4	64	200	WM-187	1144	2										2.8	
H-1	28	4	64	201	WM-187	1144	2										2.8	
H-1	29	4	64	202	WM-187	1144	2										2.8	
H-1	30	4	64	203	WM-187	1144	2										2.8	
H-1	30	4	64	204	WM-187	1144	2										2.8	
H-1	1	5	64	205	WM-187	1144	2										2.8	
H-1	2	5	64	206	WM-187	1144	2										2.8	
H-1	2	5	64	207	WM-187	1144	2										2.8	
H-1	3	5	64	208	WM-187	1144	2										2.8	
H-1	4	5	64	209	WM-187	1144	2										2.8	
H-1	4	5	64	210	WM-187	1144	2										2.8	
H-1	5	5	64	211	WM-187	1144	2										2.8	
H-1	5	5	64	212	WM-187	1144	2										2.8	
H-1	6	5	64	213	WM-187	1144	2										2.8	
H-1	7	5	64	214	WM-187	1144	2										2.8	
H-1	7	5	64	215	WM-187	1144	2										2.8	
H-1	8	5	64	216	WM-187	1144	2										2.8	
H-1	9	5	64	217	WM-187	1144	2										2.8	
H-1	9	5	64	218	WM-187	1144	2										2.8	
H-1	10	5	64	219	WM-187	1144	2										2.8	
H-1	11	5	64	220	WM-187	1144	2										2.8	
H-1	11	5	64	221	WM-187	1144	2										2.8	
H-1	12	5	64	222	WM-187	1144	2										2.8	
H-1	13	5	64	223	WM-187	1144	2										2.8	
H-1	13	5	64	224	WM-187	1144	2										2.8	
H-1	14	5	64	225	WM-187	1144	2										2.8	
H-1	14	5	64	226	WM-187	1144	2										2.8	
H-1	15	5	64	227	WM-187	1144	2										2.8	
H-1	16	5	64	228	WM-187	1144	2										2.8	
H-1	16	5	64	229	WM-187	1144	2										2.8	
H-1	17	5	64	230	WM-187	1144	2										2.8	
H-1	18	5	64	231	WM-187	1144	2										2.8	
H-1	18	5	64	232	WM-187	1144	2										2.8	
H-1	19	5	64	233	WM-187	1144	2										2.8	
H-1	20	5	64	234	WM-187	1144	2										2.8	
H-1	20	5	64	235	WM-187	1144	2										2.8	
H-1	21	5	64	236	WM-187	1144	2										2.8	
H-1	21	5	64	237	WM-187	1144	2										2.8	
H-1	22	5	64	238	WM-187	1144	2										2.8	
H-1	23	5	64	239	WM-187	1144	2										2.8	
H-1	23	5	64	240	WM-187	1144	2										2.8	
H-1	24	5	64	241	WM-187	1144	2										2.8	
H-1	25	5	64	242	WM-187	1144	2										2.8	
H-1	25	5	64	243	WM-187	1144	2										2.8	
H-1	26	5	64	244	WM-187	1144	2										2.8	
H-1	26	5	64	245	WM-187	1144	2										2.8	
H-1	27	5	64	246	WM-187	1144	2										2.8	
H-1	28	5	64	247	WM-187	1144	2										2.8	
H-1	28	5	64	248	WM-187	1144	2										2.8	
H-1	29	5	64	249	WM-187	1144	2										2.8	
H-1	30	5	64	250	WM-187	1144	2										2.8	
H-1	30	5	64	251	WM-187	1144	2										2.8	
H-1	31	5	64	252	WM-187	1144	2										2.8	
H-1	1	6	64	253	WM-187	1144	2										2.8	
H-1	1	6	64	254	WM-187	1144	2										2.8	
H-1	2	6	64	255	WM-187	1144	2										2.8	
H-1	2	6	64	256	WM-187	1144	2										2.8	
H-1	3	6	64	257	WM-187	1144	2										2.8	
H-1	4	6	64	258	WM-187	1144	2										2.8	
H-1	4	6	64	259	WM-187	1144	2										2.8	
H-1	5	6	64	260	WM-187	1144	2										2.8	
H-1	6	6	64	261	WM-187	1144	2										2.8	



Table A1. Calciner Feed to Calcined Solids Storage Facility I. (continued)

				Feed Stream									Cold Chemicals					
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-1	6	6	64	262	WM-187	1144	2										2.8	
H-1	7	6	64	263	WM-187	1144	2										2.8	
H-1	8	6	64	264	WM-187	1144	2										2.8	
H-1	8	6	64	265	WM-187	1144	2										2.8	
H-1	9	6	64	266	WM-187	1144	2										2.8	
H-1	10	6	64	267	WM-187	1144	2										2.8	
H-1	10	6	64	268	WM-187	1144	2										2.8	
H-1	11	6	64	269	WM-187	1144	2										2.8	
H-1	11	6	64	270	WM-187	1144	2										2.8	
H-1	12	6	64	271	WM-187	1144	2										2.8	
H-1	13	6	64	272	WM-187	1144	2										2.8	
H-1	13	6	64	273	WM-187	1144	2										2.8	
H-1	14	6	64	274	WM-187	1144	2										2.8	
H-1	14	6	64	275	WM-187	1144	2										2.8	
H-1	15	6	64	276	WM-187	1144	2										2.8	
H-1	16	6	64	277	WM-187	1144	2										2.8	
H-1	16	6	64	278	WM-187	1144	2										2.8	
H-1	17	6	64	279	WM-187	1144	2										2.8	
H-1	18	6	64	280	WM-187	1144	2										2.8	
H-1	18	6	64	281	WM-187	1144	2										2.8	
H-1	19	6	64	282	WM-187	1144	2										2.8	
H-1	19	6	64	283	WM-187	1144	2										2.8	
H-1	20	6	64	284	WM-187	1144	2										2.8	
H-1	21	6	64	285	WM-187	1144	2										2.8	
H-1	21	6	64	286	WM-187	1144	2										2.8	
H-1	22	6	64	287	WM-187	1144	2										2.8	
H-1	23	6	64	288	WM-187	1144	2										2.8	
H-1	23	6	64	289	WM-187	1144	2										2.8	
H-1	24	6	64	290	WM-187	1144	2										2.8	
H-1	25	6	64	291	WM-187	1144	2										2.8	
H-1	25	6	64	292	WM-187	1144	2										2.8	
H-1	26	6	64	293	WM-187	1144	2										2.8	
H-1	26	6	64	294	WM-187	1144	2										2.8	
H-1	27	6	64	295	WM-187	1144	2										2.8	
H-1	28	6	64	296	WM-187	1144	2										2.8	
H-1	28	6	64	297	WM-187	1144	2										2.8	
H-1	29	6	64	298	WM-187	1144	2										2.8	
H-1	30	6	64	299	WM-187	1144	2										2.8	
H-1	30	6	64	300	WM-187	1144	2										2.8	
H-1	1	7	64	301	WM-187	1144	2										2.8	
H-1	2	7	64	302	WM-187	1144	2										2.8	
H-1	2	7	64	303	WM-187	1144	2										2.8	
H-1	3	7	64	304	WM-187	1144	2										2.8	
H-1	3	7	64	305	WM-187	1144	2										2.8	
H-1	4	7	64	306	WM-187	1144	2										2.8	
H-1	5	7	64	307	WM-187	1144	2										2.8	
H-1	5	7	64	308	WM-187	1144	2										2.8	
H-1	6	7	64	309	WM-187	1144	2										2.8	
H-1	7	7	64	310	WM-187	1144	2										2.8	
H-1	7	7	64	311	WM-187	1144	2										2.8	
H-1	8	7	64	312	WM-187	1144	2										2.8	
H-1	8	7	64	313	WM-187	1144	2										2.8	
H-1	9	7	64	314	WM-187	1144	2										2.8	
H-1	10	7	64	315	WM-187	1144	2										2.8	
H-1	10	7	64	316	WM-187	1144	2										2.8	
H-1	11	7	64	317	WM-187	1144	2										2.8	
H-1	12	7	64	318	WM-187	1144	2										2.8	
H-1	12	7	64	319	WM-187	1144	2										2.8	
H-1	13	7	64	320	WM-187	1144	2										2.8	
H-1	13	7	64	321	WM-187	1144	2										2.8	
H-1	14	7	64	322	WM-187	1144	2										2.8	
H-1	15	7	64	323	WM-187	1144	2										2.8	
H-1	15	7	64	324	WM-187	1144	2										2.8	
H-1	16	7	64	325	WM-187	1144	2										2.8	
H-1	17	7	64	326	WM-187	1144	2										2.8	
H-1	17	7	64	327	WM-187	1144	2										2.8	
H-1	18	7	64	328	WM-187	1144	2										2.8	
H-1	18	7	64	329	WM-187	1144	2										2.8	

Table A1. Calciner Feed to Calcined Solids Storage Facility I. (continued)

				Feed Stream									Cold Chemicals					
WCF		Date		Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-1	19	7	64	330	WM-187	1144	2										2.8	
H-1	20	7	64	331	WM-187	1144	2										2.8	
H-1	20	7	64	332	WM-187	1144	2										2.8	
H-1	21	7	64	333	WM-187	1144	2										2.8	
H-1	22	7	64	334	WM-187	1144	2										2.8	
H-1	22	7	64	335	WM-187	1144	2										2.8	
H-1	23	7	64	336	WM-187	1144	2										2.8	
H-1	23	7	64	337	WM-188	600	3										1.5	
H-1	24	7	64	338	WM-183	1102	4										2.7	
H-1	25	7	64	339	WM-183	1102	4										2.7	
H-1	25	7	64	340	WM-183	1102	4										2.7	
H-1	26	7	64	341	WM-183	1102	4										2.7	
H-1	26	7	64	342	WM-183	1102	4										2.7	
H-1	27	7	64	343	WM-183	1102	4										2.7	
H-1	28	7	64	344	WM-183	1102	4										2.7	
H-1	29	7	64	345	WM-183	1102	4										2.7	
H-1	29	7	64	346	WM-183	1102	4										2.7	
H-1	30	7	64	347	WM-183	1102	4										2.7	
H-1	31	7	64	348	WM-183	1102	4										2.7	
H-1	1	8	64	349	WM-183	1102	4										2.7	
H-1	1	8	64	350	WM-183	1102	4										2.7	
H-1	2	8	64	351	WM-183	1102	4										2.7	
H-1	3	8	64	352	WM-183	1102	4										2.7	
H-1	4	8	64	353	WM-183	1102	4										2.7	
H-1	4	8	64	354	WM-183	1102	4										2.7	
H-1	5	8	64	355	WM-183	1102	4										2.7	
H-1	6	8	64	356	WM-183	1102	4										2.7	
H-1	7	8	64	357	WM-183	1102	4										2.7	
H-1	7	8	64	358	WM-183	1102	4										2.7	
H-1	8	8	64	359	WM-183	1102	4										2.7	
H-1	9	8	64	360	WM-183	1102	4										2.7	
H-1	10	8	64	361	WM-183	1102	4										2.7	
H-1	10	8	64	362	WM-183	1102	4										2.7	
H-1	11	8	64	363	WM-183	1102	4										2.7	
H-1	12	8	64	364	WM-183	1102	4										2.7	
H-1	13	8	64	365	WM-183	1102	4										2.7	
H-1	13	8	64	366	WM-183	1102	4										2.7	
H-1	14	8	64	367	WM-183	1102	4										2.7	
H-1	15	8	64	368	WM-183	1102	4										2.7	
H-1	15	8	64	369	WM-183	1102	4										2.7	
H-1	16	8	64	370	WM-183	1102	4										2.7	
H-1	17	8	64	371	WM-183	1102	4										2.7	
H-1	18	8	64	372	WM-183	1102	4										2.7	
H-1	18	8	64	373	WM-183	1102	4										2.7	
H-1	19	8	64	374	WM-183	1102	4										2.7	
H-1	20	8	64	375	WM-183	1102	4										2.7	
H-1	21	8	64	376	WM-183	1102	4										2.7	
H-1	21	8	64	377	WM-183	1102	4										2.7	
H-1	22	8	64	378	WM-183	1102	4										2.7	
H-1	23	8	64	379	WM-183	1102	4										2.7	
H-1	24	8	64	380	WM-183	1102	4										2.7	
H-1	24	8	64	381	WM-183	1102	4										2.7	
H-1	25	8	64	382	WM-183	1102	4										2.7	
H-1	26	8	64	383	WM-183	1102	4										2.7	
H-1	26	8	64	384	WM-183	1102	4										2.7	
H-1	27	8	64	385	WM-180	1102	5										2.7	
H-1	28	8	64	386	WM-180	1102	5										2.7	
H-1	28	8	64	387	WM-180	1102	5										2.7	
H-1	29	8	64	388	WM-180	1102	5										2.7	
H-1	30	8	64	389	WM-180	1102	5										2.7	
H-1	31	8	64	390	WM-183	1102	4										2.7	
H-1	31	8	64	391	WM-183	1102	4										2.7	
H-1	1	9	64	392	WM-183	1102	4										2.7	
H-1	1	9	64	393	WM-183	1102	4										2.7	
H-1	2	9	64	394	WM-183	1102	4										2.7	
H-1	3	9	64	395	WM-183	1102	4										2.7	
H-1	3	9	64	396	WM-183	1102	4										2.7	
H-1	4	9	64	397	WM-183	1102	4										2.7	

Table A1. Calciner Feed to Calcined Solids Storage Facility I. (continued)

					Feed Stream									Cold Chemicals				
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-1	5	9	64	398	WM-183	1102	4											2.7
H-1	5	9	64	399	WM-183	1102	4											2.7
H-1	6	9	64	400	WM-183	1102	4											2.7
H-1	7	9	64	401	WM-183	1102	4											2.7
H-1	7	9	64	402	WM-183	1102	4											2.7
H-1	8	9	64	403	WM-183	1102	4											2.7
H-1	9	9	64	404	WM-183	1102	4											2.7
H-1	9	9	64	405	WM-183	1102	4											2.7
H-1	10	9	64	406	WM-183	1102	4											2.7
H-1	11	9	64	407	WM-183	1102	4											2.7
H-1	11	9	64	408	WM-183	1102	4											2.7
H-1	12	9	64	409	WM-183	1102	4											2.7
H-1	13	9	64	410	WM-183	1102	4											2.7
H-1	13	9	64	411	WM-183	1102	4											2.7
H-1	14	9	64	412	WM-183	1102	4											2.7
H-1	15	9	64	413	WM-183	1102	4											2.7
H-1	15	9	64	414	WM-183	1102	4											2.7
H-1	16	9	64	415	WM-183	1102	4											2.7
H-1	17	9	64	416	WM-183	1102	4											2.7
H-1	17	9	64	417	WM-183	1102	4											2.7
H-1	18	9	64	418	WM-183	1102	4											2.7
H-1	19	9	64	419	WM-183	1102	4											2.7
H-1	19	9	64	420	WM-183	1102	4											2.7
H-1	20	9	64	421	WM-183	1102	4											2.7
H-1	21	9	64	422	WM-183	1102	4											2.7
H-1	21	9	64	423	WM-183	1102	4											2.7
H-1	22	9	64	424	WM-183	1102	4											2.7
H-1	23	9	64	425	WM-183	1102	4											2.7
H-1	23	9	64	426	WM-183	1102	4											2.7
H-1	24	9	64	427	WM-183	1102	4											2.7
H-1	25	9	64	428	WM-183	1102	4											2.7
H-1	25	9	64	429	WM-183	1102	4											2.7
H-1	26	9	64	430	WM-183	1102	4											2.7
H-1	26	9	64	431	WM-183	1102	4											2.7
H-1	27	9	64	432	WM-183	1102	4											2.7
H-1	28	9	64	433	WM-183	1102	4											2.7
H-1	28	9	64	434	WM-183	1102	4											2.7
H-1	29	9	64	435	WM-183	1102	4											2.7
H-1	30	9	64	436	WM-183	1102	4											2.7
H-1	30	9	64	437	WM-183	1102	4											2.7
H-1	1	10	64	438	WM-183	1102	4											2.7
H-1	2	10	64	439	WM-183	1102	4											2.7
H-1	2	10	64	440	WM-183	1102	4											2.7
H-1	3	10	64	441	WM-183	1102	4											2.7
H-1	4	10	64	442	WM-183	1102	4											2.7
H-1	4	10	64	443	WM-183	1102	4											2.7
H-1	5	10	64	444	WM-183	1102	4											2.7
H-1	6	10	64	445	WM-183	1102	4											2.7
H-1	6	10	64	446	WM-183	1102	4											2.7
H-1	7	10	64	447	WM-183	1102	4											2.7
H-1	7	10	64	448	WM-183	1102	4											2.7
H-1	8	10	64	449	WM-183	1102	4											2.7
H-1	9	10	64	450	WM-183	1102	4											2.7
H-1	9	10	64	451	WM-183	1102	4											2.7
H-1	10	10	64	452	WM-183	1102	4											2.7
H-1	11	10	64	453	WM-183	1102	4											2.7
H-1	11	10	64	454	WM-183	1102	4											2.7
H-1	12	10	64	455	WM-183	1102	4											2.7
H-1	13	10	64	456	WM-183	1102	4											2.7
H-1	13	10	64	457	WM-183	1102	4											2.7
H-1	14	10	64	458	WM-183	1102	4											2.7
H-1	14	10	64	459	WM-183	1102	4											2.7

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Table A2. Calciner Feed to Calcined Solids Storage Facility II.

WCF	Date			Batch	Feed Stream										Cold Chemicals				
	d	mo	yr		No.	tank	gal	code	tank	gal	code	tank	gal	code	Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-2	14	3	66	CC	Cold Calcine ( approx. 77 cubic feet)									5420	91				
H-2	15	3	66	1	Cold									1440	1.6	0.04	4.0		
H-2	15	3	66	CC	Cold Calcine ( approx. 17 cubic feet)									1162	91				
H-2	15	3	66	CC	Cold Calcine ( approx. 17 cubic feet)									1162	91				
H-2	16	3	66	CC	Cold Calcine ( approx. 17 cubic feet)									1162	91				
H-2	16	3	66	2	Cold									1440	1.6	0.04	4.0		
H-2	16	3	66	3	Cold									1440	1.6	0.04	4.0		
H-2	17	3	66	4	Cold									1149	1.6	0.04	3.2		
H-2	18	3	66	5	Cold									1086	1.6	0.04	3.1		
H-2	18	3	66	6	Cold									1065	1.6	0.04	3.0		
H-2	19	3	66	7	Cold									1202	1.6	0.04	3.4		
H-2	20	3	66	8	Cold									1080	1.6	0.04	3.0		
H-2	21	3	66	9	Cold									238	1.6	0.04	0.7		
H-2	28	3	66	CC	Cold Calcine ( approx. 31 cubic feet)									2170	91				
H-2	28	3	66	11	Cold									1364	1.6	0.04	3.8		
H-2	29	3	66	12	Cold									1456	1.6	0.04	4.1		
H-2	30	3	66	13	Cold									1433	1.6	0.04	4.0		
H-2	31	3	66	14	Cold									1462	1.6	0.04	4.1		
H-2	1	4	66	15	Cold									1448	1.6	0.04	4.1		
H-2	1	4	66	1	WM-183	1153	6											3.2	
H-2	2	4	66	2	WM-183	1153	6											3.2	
H-2	3	4	66	3	WM-183	1153	6											3.2	
H-2	3	4	66	4	WM-183	1153	6											3.2	
H-2	4	4	66	5	WM-183	1153	6											3.2	
H-2	5	4	66	6	WM-183	1153	6											3.2	
H-2	6	4	66	7	WM-183	1153	6											3.2	
H-2	7	4	66	8	WM-183	1153	6											3.2	
H-2	7	4	66	9	WM-183	1153	6											3.2	
H-2	7	4	66	CC	Cold Calcine ( approx. 3 cubic feet)									230	91				
H-2	8	4	66	11	WM-183	1153	6											3.2	
H-2	9	4	66	12	WM-183	1153	6											3.2	
H-2	9	4	66	13	WM-183	1153	6											3.2	
H-2	10	4	66	14	WM-183	1153	6											3.2	
H-2	11	4	66	15	WM-183	1153	6											3.2	
H-2	11	4	66	16	WM-183	1153	6											3.2	
H-2	12	4	66	17	WM-183	1153	6											3.2	
H-2	13	4	66	18	WM-183	1153	6											3.2	
H-2	14	4	66	19	WM-183	1153	6											3.2	
H-2	14	4	66	20	WM-183	1153	6											3.2	
H-2	15	4	66	21	WM-183	1153	6											3.2	
H-2	16	4	66	22	WM-183	1153	6											3.2	
H-2	16	4	66	23	WM-183	1153	6											3.2	
H-2	17	4	66	24	WM-183	1153	6											3.2	
H-2	18	4	66	25	WM-183	1153	6											3.2	
H-2	19	4	66	26	WM-183	1153	6											3.2	
H-2	19	4	66	27	WM-183	1153	6											3.2	
H-2	20	4	66	28	WM-183	1153	6											3.2	
H-2	21	4	66	29	WM-183	1153	6											3.2	
H-2	22	4	66	30	WM-183	1153	6											3.2	
H-2	22	4	66	31	WM-183	1153	6											3.2	
H-2	23	4	66	32	WM-183	1153	6											3.2	
H-2	24	4	66	33	WM-183	1153	6											3.2	
H-2	24	4	66	34	WM-183	1153	6											3.2	
H-2	25	4	66	35	WM-183	1153	6											3.2	
H-2	26	4	66	36	WM-183	1153	6											3.2	
H-2	26	4	66	37	WM-183	1153	6											3.2	
H-2	27	4	66	38	WM-183	1048	6											2.9	
H-2	28	4	66	39	WM-183	1048	6											2.9	
H-2	29	4	66	40	WM-183	1048	6											2.9	
H-2	30	4	66	41	WM-183	1048	6											2.9	
H-2	30	4	66	42	WM-183	1048	6											2.9	
H-2	1	5	66	43	WM-183	1048	6											2.9	
H-2	2	5	66	44	WM-183	1048	6											2.9	
H-2	2	5	66	45	WM-183	1048	6											2.9	
H-2	3	5	66	46	WM-183	1048	6											2.9	
H-2	4	5	66	47	WM-183	1048	6											2.9	
H-2	4	5	66	48	WM-183	1048	6											2.9	

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF Camp.	Date			Batch No.	Feed Stream									Cold Chemicals				
	d	mo	yr		1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-2	5	5	66	49	WM-183	1048	6										2.9	
H-2	6	5	66	50	WM-183	1048	6										2.9	
H-2	7	5	66	51	WM-183	1048	6										2.9	
H-2	7	5	66	53	WM-183	1048	6										2.9	
H-2	7	5	66	54	WM-183	1048	6										2.9	
H-2	8	5	66	55	WM-183	1048	6										2.9	
H-2	9	5	66	56	WM-183	1048	6										2.9	
H-2	10	5	66	57	WM-183	1048	6										2.9	
H-2	11	5	66	58	WM-183	1048	6										2.9	
H-2	11	5	66	59	WM-183	1048	6										2.9	
H-2	11	5	66	60	WM-183	1048	6										2.9	
H-2	12	5	66	61	WM-183	1048	6										2.9	
H-2	13	5	66	62	WM-183	1048	6										2.9	
H-2	13	5	66	63	WM-183	1048	6										2.9	
H-2	14	5	66	64	WM-183	1048	6										2.9	
H-2	14	5	66	65	WM-183	1048	6										2.9	
H-2	15	5	66	66	WM-183	1048	6										2.9	
H-2	16	5	66	67	WM-183	1048	6										2.9	
H-2	16	5	66	68	WM-183	1048	6										2.9	
H-2	17	5	66	69	WM-183	1048	6										2.9	
H-2	18	5	66	70	WM-183	1048	6										2.9	
H-2	18	5	66	71	WM-183	1048	6										2.9	
H-2	19	5	66	72	WM-183	1048	6										2.9	
H-2	20	5	66	73	WM-183	1048	6										2.9	
H-2	21	5	66	74	WM-183	1048	6										2.9	
H-2	21	5	66	75	WM-183	1048	6										2.9	
H-2	22	5	66	76	WM-183	1048	6										2.9	
H-2	22	5	66	77	WM-183	1048	6										2.9	
H-2	23	5	66	78				WM-182	932	7							2.6	
H-2	24	5	66	79				WM-182	932	7							2.6	
H-2	25	5	66	80				WM-182	932	7							2.6	
H-2	25	5	66	81				WM-182	932	7							2.6	
H-2	26	5	66	82	WM-183	1048	6										2.9	
H-2	26	5	66	83	WM-183	1048	6										2.9	
H-2	27	5	66	84				WM-182	1040	7							2.9	
H-2	28	5	66	85				WM-182	1040	7							2.9	
H-2	29	5	66	86				WM-182	1040	7							2.9	
H-2	30	5	66	87				WM-182	1040	7							2.9	
H-2	30	5	66	88				WM-182	1040	7							2.9	
H-2	30	5	66	89				WM-182	1040	7							2.9	
H-2	31	5	66	90				WM-182	1040	7							2.9	
H-2	31	5	66	91				WM-182	1040	7							2.9	
H-2	1	6	66	92				WM-182	1040	7							2.9	
H-2	2	6	66	93				WM-182	1040	7							2.9	
H-2	2	6	66	94				WM-182	1040	7							2.9	
H-2	3	6	66	95				WM-182	1040	7							2.9	
H-2	4	6	66	96				WM-182	1040	7							2.9	
H-2	4	6	66	97				WM-182	1040	7							2.9	
H-2	5	6	66	98				WM-182	1040	7							2.9	
H-2	6	6	66	99				WM-182	1040	7							2.9	
H-2	6	6	66	100				WM-182	1040	7							2.9	
H-2	7	6	66	101				WM-182	1040	7							2.9	
H-2	8	6	66	102				WM-182	1040	7							2.9	
H-2	8	6	66	103				WM-182	1040	7							2.9	
H-2	9	6	66	104	WM-180	941	8										2.6	
H-2	10	6	66	105	WM-180	941	8										2.6	
H-2	10	6	66	106	WM-180	941	8										2.6	
H-2	11	6	66	107	WM-180	941	8										2.6	
H-2	12	6	66	108	WM-180	941	8										2.6	
H-2	12	6	66	109	WM-180	941	8										2.6	
H-2	13	6	66	110	WM-180	941	8										2.6	
H-2	14	6	66	111	WM-180	941	8										2.6	
H-2	14	6	66	112	WM-180	941	8										2.6	
H-2	15	6	66	113	WM-180	941	8										2.6	
H-2	15	6	66	114	WM-180	941	8										2.6	
H-2	16	6	66	115	WM-180	941	8										2.6	
H-2	17	6	66	116	WM-180	941	8										2.6	
H-2	17	6	66	117	WM-180	941	8										2.6	

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

					Feed Stream									Cold Chemicals					
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-2	18	6	66	118	WM-180	941	8										2.6		
H-2	19	6	66	119	WM-180	941	8										2.6		
H-2	20	6	66	120	WM-180	941	8										2.6		
H-2	20	6	66	121	WM-180	941	8										2.6		
H-2	21	6	66	122	WM-180	941	8										2.6		
H-2	22	6	66	123	WM-180	941	8										2.6		
H-2	22	6	66	124	WM-180	941	8										2.6		
H-2	23	6	66	125	WM-180	941	8										2.6		
H-2	23	6	66	126	WM-180	941	8										2.6		
H-2	24	6	66	127	WM-180	941	8										2.6		
H-2	25	6	66	128	WM-180	941	8										2.6		
H-2	25	6	66	129	WM-180	941	8										2.6		
H-2	26	6	66	130	WM-180	941	8										2.6		
H-2	27	6	66	131	WM-180	720	8										2.0		
H-2	27	6	66	132	WM-180	720	8										2.0		
H-2	28	6	66	133	WM-180	720	8										2.0		
H-2	29	6	66	134	WM-180	720	8										2.0		
H-2	29	6	66	135	WM-180	720	8	WM-182	1184	7							5.3		
H-2	30	6	66	136	WM-180	720	8	WM-182	1184	7							5.3		
H-2	30	6	66	137	WM-180	720	8										2.0		
H-2	1	7	66	138	WM-180	720	8										2.0		
H-2	2	7	66	139	WM-180	720	8										2.0		
H-2	2	7	66	140	WM-180	720	8										2.0		
H-2	3	7	66	141	WM-180	720	8										2.0		
H-2	4	7	66	142	WM-180	720	8										2.0		
H-2	4	7	66	143	WM-180	720	8										2.0		
H-2	5	7	66	144	WM-180	720	8										2.0		
H-2	6	7	66	145	WM-180	720	8										2.0		
H-2	6	7	66	146	WM-180	720	8										2.0		
H-2	7	7	66	147	WM-180	720	8										2.0		
H-2	7	7	66	148				WM-182	1184	7							3.3		
H-2	8	7	66	149				WM-182	1184	7							3.3		
H-2	9	7	66	150				WM-182	1184	7							3.3		
H-2	9	7	66	151				WM-182	1184	7							3.3		
H-2	10	7	66	152				WM-182	1184	7							3.3		
H-2	10	7	66	153				WM-182	1184	7							3.3		
H-2	11	7	66	154				WM-182	1184	7							3.3		
H-2	12	7	66	155				WM-182	1184	7							3.3		
H-2	12	7	66	156				WM-182	1184	7							3.3		
H-2	13	7	66	157				WM-182	1184	7							3.3		
H-2	14	7	66	158				WM-182	1184	7							3.3		
H-2	15	7	66	159				WM-182	1184	7							3.3		
H-2	16	7	66	160				WM-182	1184	7							3.3		
H-2	17	7	66	161				WM-182	1184	7							3.3		
H-2	18	7	66	162				WM-182	1184	7							3.3		
H-2	18	7	66	163				WM-182	1184	7							3.3		
H-2	19	7	66	164				WM-182	1184	7							3.3		
H-2	20	7	66	165				WM-182	1184	7							3.3		
H-2	21	7	66	166				WM-182	1184	7							3.3		
H-2	22	7	66	167				WM-182	1184	7							3.3		
H-2	23	7	66	168				WM-182	1184	7							3.3		
H-2	23	7	66	169				WM-182	1184	7							3.3		
H-2	24	7	66	170				WM-182	1184	7							3.3		
H-2	25	7	66	171				WM-182	1184	7							3.3		
H-2	25	7	66	172				WM-182	1184	7							3.3		
H-2	26	7	66	173				WM-182	1184	7							3.3		
H-2	27	7	66	174				WM-182	1005	7							2.8		
H-2	27	7	66	175				WM-182	1005	7							2.8		
H-2	28	7	66	176				WM-182	1005	7							2.8		
H-2	29	7	66	177				WM-182	1005	7							2.8		
H-2	29	7	66	178				WM-182	1005	7							2.8		
H-2	30	7	66	179				WM-182	1005	7							2.8		
H-2	31	7	66	180				WM-182	1005	7							2.8		
H-2	31	7	66	181				WM-182	1005	7							2.8		
H-2	1	8	66	182				WM-182	1005	7							2.8		
H-2	2	8	66	183				WM-182	1005	7							2.8		
H-2	2	8	66	184				WM-182	1005	7							2.8		
H-2	3	8	66	185				WM-182	1005	7							2.8		

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF	Date				Batch No.	Feed Stream									Cold Chemicals				
						1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>2</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
	Camp.	d	mo	yr		tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-2	4	8	66	186					WM-182	1005	7							2.8	
H-2	4	8	66	187					WM-182	1005	7							2.8	
H-2	5	8	66	188					WM-182	1005	7							2.8	
H-2	6	8	66	189					WM-182	1005	7							2.8	
H-2	7	8	66	190					WM-182	1005	7							2.8	
H-2	7	8	66	191					WM-182	1005	7							2.8	
H-2	8	8	66	192					WM-182	1005	7							2.8	
H-2	8	8	66	193					WM-182	1005	7							2.8	
H-2	10	8	66	CC		Cold Calcine ( approx. 8 cubic feet)							540	91					
H-2	13	8	66	194					WM-182	1005	7							2.8	
H-2	14	8	66	195					WM-182	1005	7							2.8	
H-2	14	8	66	196					WM-182	1005	7							2.8	
H-2	15	8	66	197					WM-182	1005	7							2.8	
H-2	16	8	66	198					WM-182	1005	7							2.8	
H-2	16	8	66	199					WM-182	1005	7							2.8	
H-2	17	8	66	200					WM-182	1005	7							2.8	
H-2	18	8	66	201	WM-180		1489	8										4.2	
H-2	18	8	66	202					WM-182	1005	7							2.8	
H-2	19	8	66	203	WM-180		1489	8										4.2	
H-2	20	8	66	204					WM-182	1005	7							2.8	
H-2	20	8	66	205	WM-180		1489	8										4.2	
H-2	21	8	66	206					WM-182	1005	7							2.8	
H-2	22	8	66	207	WM-180		1489	8										4.2	
H-2	22	8	66	208					WM-182	1005	7							2.8	
H-2	23	8	66	209	WM-180		1489	8										4.2	
H-2	24	8	66	210					WM-182	1005	7							2.8	
H-2	24	8	66	211	WM-180		1489	8										4.2	
H-2	25	8	66	212					WM-182	1005	7							2.8	
H-2	26	8	66	213	WM-180		1489	8										4.2	
H-2	27	8	66	214					WM-182	1109	7							3.1	
H-2	27	8	66	215	WM-180		808	8										2.3	
H-2	28	8	66	216					WM-182	1109	7							3.1	
H-2	29	8	66	217	WM-180		808	8										2.3	
H-2	30	8	66	218					WM-182	1109	7							3.1	
H-2	30	8	66	219	WM-180		808	8										2.3	
H-2	31	8	66	220					WM-182	1109	7							3.1	
H-2	1	9	66	221	WM-180		808	8										2.3	
H-2	1	9	66	222					WM-182	1109	7							3.1	
H-2	2	9	66	223	WM-180		808	8										2.3	
H-2	3	9	66	224					WM-182	1109	7							3.1	
H-2	3	9	66	225	WM-180		808	8										2.3	
H-2	4	9	66	226					WM-182	1109	7							3.1	
H-2	5	9	66	227	WM-180		808	8										2.3	
H-2	5	9	66	228					WM-182	1109	7							3.1	
H-2	6	9	66	229	WM-180		808	8										2.3	
H-2	7	9	66	230					WM-182	1109	7							3.1	
H-2	7	9	66	231	WM-180		808	8										2.3	
H-2	8	9	66	232					WM-182	1109	7							3.1	
H-2	9	9	66	233	WM-180		808	8										2.3	
H-2	9	9	66	234	WM-180		808	8										2.3	
H-2	10	9	66	235					WM-182	1109	7							3.1	
H-2	11	9	66	236	WM-180		808	8										2.3	
H-2	12	9	66	CC		Cold Calcine ( approx. 2 cubic feet)							150	91					
H-2	8	11	66	CC		Cold Calcine ( approx. 77 cubic feet)							5420	91					
H-2	9	11	66	Cold	Cold										1805	1.6	0.04	5.1	
H-2	10	11	66	Cold	Cold										1805	1.6	0.04	5.1	
H-2	11	11	66	Cold	Cold										1805	1.6	0.04	5.1	
H-2	12	11	66	Cold	Cold										1805	1.6	0.04	5.1	
H-2	13	11	66	Cold	Cold										1805	1.6	0.04	5.1	
H-2	14	11	66	238					WM-182	1101	7							3.1	
H-2	15	11	66	239					WM-182	1101	7							3.1	
H-2	16	11	66	240	WM-180		936	8										2.6	
H-2	17	11	66	241					WM-182	1101	7							3.1	
H-2	17	11	66	242	WM-180		936	8										2.6	
H-2	18	11	66	243	WM-180		936	8										2.6	
H-2	19	11	66	244					WM-182	1101	7							3.1	
H-2	19	11	66	245	WM-180		936	8										2.6	
H-2	20	11	66	246					WM-182	1101	7							3.1	



Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF				Batch No.	Feed Stream									Cold Chemicals				
Camp	d	mo	yr		1	2	3	4	5	6	7	8	9	Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Cat(NO <sub>3</sub> ) <sub>2</sub>	
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-2	20	11	66	247	WM-180	936	8										2.6	
H-2	21	11	66	248	WM-180	936	8										2.6	
H-2	22	11	66	249				WM-182	1101	7							3.1	
H-2	22	11	66	250	WM-180	936	8										2.6	
H-2	23	11	66	251				WM-182	1101	7							3.1	
H-2	24	11	66	252	WM-180	936	8										2.6	
H-2	24	11	66	253	WM-180	936	8										2.6	
H-2	25	11	66	254				WM-182	1101	7							3.1	
H-2	26	11	66	255	WM-180	936	8										2.6	
H-2	26	11	66	256				WM-182	1101	7							3.1	
H-2	27	11	66	257	WM-180	1075	8										3.0	
H-2	28	11	66	258	WM-180	1075	8										3.0	
H-2	29	11	66	259				WM-182	1098	7							3.1	
H-2	29	11	66	260	WM-180	1075	8										3.0	
H-2	30	11	66	261				WM-182	1098	7							3.1	
H-2	1	12	66	262	WM-180	1075	8										3.0	
H-2	1	12	66	263				WM-182	1098	7							3.1	
H-2	2	12	66	264				WM-182	1098	7							3.1	
H-2	3	12	66	265	WM-180	1075	8										3.0	
H-2	3	12	66	266				WM-182	1098	7							3.1	
H-2	4	12	66	267	WM-180	1075	8										3.0	
H-2	5	12	66	268	WM-180	1075	8										3.0	
H-2	5	12	66	269				WM-182	1098	7							3.1	
H-2	6	12	66	270	WM-180	1075	8										3.0	
H-2	7	12	66	271				WM-182	1098	7							3.1	
H-2	7	12	66	272	WM-180	1075	8										3.0	
H-2	8	12	66	273	WM-180	1075	8										3.0	
H-2	9	12	66	274				WM-182	1098	7							3.1	
H-2	9	12	66	275	WM-180	1075	8										3.0	
H-2	10	12	66	276				WM-182	1098	7							3.1	
H-2	11	12	66	277	WM-180	1075	8										3.0	
H-2	11	12	66	278	WM-180	1075	8										3.0	
H-2	12	12	66	279				WM-182	1098	7							3.1	
H-2	13	12	66	280	WM-180	1075	8										3.0	
H-2	14	12	66	281				WM-182	1098	7							3.1	
H-2	14	12	66	282	WM-180	1075	8										3.0	
H-2	15	12	66	283	WM-180	1075	8										3.0	
H-2	16	12	66	284				WM-182	1098	7							3.1	
H-2	16	12	66	285	WM-180	1075	8										3.0	
H-2	17	12	66	286				WM-182	1098	7							3.1	
H-2	18	12	66	287	WM-180	1075	8										3.0	
H-2	18	12	66	288	WM-180	1075	8										3.0	
H-2	19	12	66	289				WM-182	1098	7							3.1	
H-2	20	12	66	290	WM-180	1075	8										3.0	
H-2	20	12	66	291				WM-182	1098	7							3.1	
H-2	21	12	66	292	WM-180	1075	8										3.0	
H-2	22	12	66	293	WM-180	1075	8										3.0	
H-2	22	12	66	294				WM-182	1098	7							3.1	
H-2	23	12	66	295	WM-180	1075	8										3.0	
H-2	24	12	66	296				WM-182	1098	7							3.1	
H-2	24	12	66	297	WM-180	1075	8										3.0	
H-2	25	12	66	298	WM-180	1075	8										3.0	
H-2	26	12	66	299	WM-180	1075	8										3.0	
H-2	27	12	66	300				WM-182	842	7							2.4	
H-2	27	12	66	301				WM-182	842	7							2.4	
H-2	28	12	66	302	WM-180	1239	8										3.5	
H-2	28	12	66	303	WM-180	1239	8										3.5	
H-2	29	12	66	304				WM-182	842	7							2.4	
H-2	30	12	66	305	WM-180	1239	8										3.5	
H-2	31	12	66	306				WM-182	842	7							2.4	
H-2	31	12	66	307	WM-180	1239	8										3.5	
H-2	1	1	67	308	WM-180	1239	8										3.5	
H-2	2	1	67	309				WM-182	842	7							2.4	
H-2	2	1	67	310	WM-180	1239	8										3.5	
H-2	3	1	67	311				WM-182	842	7							2.4	
H-2	4	1	67	312	WM-180	1239	8										3.5	
H-2	4	1	67	313	WM-180	1239	8										3.5	
H-2	5	1	67	314				WM-182	842	7							2.4	

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF	Date			Batch	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-2	6	1	67	315	WM-180	1239	8										3.5	
H-2	6	1	67	316				WM-182	842	7							2.4	
H-2	7	1	67	317	WM-180	1239	8										3.5	
H-2	7	1	67	318	WM-180	1239	8										3.5	
H-2	8	1	67	319				WM-182	842	7							2.4	
H-2	9	1	67	320				WM-182	842	7							2.4	
H-2	10	1	67	321	WM-180	1239	8										3.5	
H-2	10	1	67	322				WM-182	842	7							2.4	
H-2	11	1	67	323	WM-180	1239	8										3.5	
H-2	12	1	67	324				WM-182	842	7							2.4	
H-2	13	1	67	325	WM-180	1239	8										3.5	
H-2	13	1	67	326				WM-182	842	7							2.4	
H-2	14	1	67	327	WM-180	1239	8										3.5	
H-2	14	1	67	328	WM-180	1239	8										3.5	
H-2	15	1	67	329				WM-182	842	7							2.4	
H-2	15	1	67	330	WM-180	1239	8										3.5	
H-2	16	1	67	331				WM-182	842	7							2.4	
H-2	17	1	67	332	WM-180	1239	8										3.5	
H-2	17	1	67	333	WM-180	1239	8										3.5	
H-2	18	1	67	334				WM-182	842	7							2.4	
H-2	19	1	67	335	WM-180	1239	8										3.5	
H-2	19	1	67	336				WM-182	842	7							2.4	
H-2	20	1	67	337	WM-180	1239	8										3.5	
H-2	21	1	67	338	WM-180	1239	8										3.5	
H-2	21	1	67	339				WM-182	842	7							2.4	
H-2	22	1	67	340	WM-180	1239	8										3.5	
H-2	23	1	67	341				WM-182	842	7							2.4	
H-2	23	1	67	342	WM-180	1239	8										3.5	
H-2	24	1	67	343	WM-180	1239	8										3.5	
H-2	25	1	67	344				WM-182	842	7							2.4	
H-2	25	1	67	345	WM-180	1239	8										3.5	
H-2	26	1	67	346				WM-182	842	7							2.4	
H-2	27	1	67	347	WM-180	1043	8										2.9	
H-2	27	1	67	348	WM-180	1043	8										2.9	
H-2	28	1	67	349				WM-182	1038	7							2.9	
H-2	29	1	67	350	WM-180	1043	8										2.9	
H-2	29	1	67	351				WM-182	1038	7							2.9	
H-2	30	1	67	352	WM-180	1043	8										2.9	
H-2	31	1	67	353	WM-180	1043	8										2.9	
H-2	31	1	67	354				WM-182	1038	7							2.9	
H-2	1	2	67	355	WM-180	1043	8										2.9	
H-2	2	2	67	356				WM-182	1038	7							2.9	
H-2	2	2	67	357	WM-180	1043	8										2.9	
H-2	3	2	67	358	WM-180	1043	8										2.9	
H-2	4	2	67	359				WM-182	1038	7							2.9	
H-2	4	2	67	360	WM-180	1043	8										2.9	
H-2	5	2	67	361				WM-182	1038	7							2.9	
H-2	6	2	67	362	WM-180	1043	8										2.9	
H-2	6	2	67	363	WM-180	1043	8										2.9	
H-2	7	2	67	364				WM-182	1038	7							2.9	
H-2	8	2	67	365	WM-180	1043	8										2.9	
H-2	8	2	67	366				WM-185	1038	7							2.9	
H-2	9	2	67	367	WM-180	1043	8										2.9	
H-2	10	2	67	368	WM-180	1043	8										2.9	
H-2	10	2	67	369				WM-182	1038	7							2.9	
H-2	11	2	67	370	WM-180	1043	8										2.9	
H-2	12	2	67	371				WM-182	1038	7							2.9	
H-2	12	2	67	372	WM-180	1043	8										2.9	
H-2	13	2	67	373	WM-180	1043	8										2.9	
H-2	14	2	67	374				WM-182	1038	7							2.9	
H-2	14	2	67	375	WM-180	1043	8										2.9	
H-2	15	2	67	376				WM-182	1038	7							2.9	
H-2	16	2	67	377	WM-180	1043	8										2.9	
H-2	17	2	67	378	WM-180	1043	8										2.9	
H-2	17	2	67	379				WM-182	1038	7							2.9	
H-2	18	2	67	380	WM-180	1043	8										2.9	
H-2	19	2	67	381				WM-182	1038	7							2.9	
H-2	19	2	67	382	WM-180	1043	8										2.9	

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

				Feed Stream									Cold Chemicals					
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>2</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp	d	mo	yr	No	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-2	20	2	67	383	WM-180	1043	8										2.9	
H-2	21	2	67	384				WM-182	1038	7							2.9	
H-2	21	2	67	385	WM-180	1043	8										2.9	
H-2	22	2	67	386				WM-182	1038	7							2.9	
H-2	22	2	67	387	WM-180	1043	8										2.9	
H-2	23	2	67	388	WM-180	1043	8										2.9	
H-2	23	2	67	389				WM-182	1038	7							2.9	
H-2	24	2	67	390	WM-180	1043	8										2.9	
H-2	25	2	67	391				WM-182	1038	7							2.9	
H-2	26	2	67	392	WM-180	1043	8										2.9	
H-2	26	2	67	393	WM-180	1043	8										2.9	
H-2	27	2	67	394				WM-182	642	7							1.8	
H-2	27	2	67	395	WM-180	591	8										1.7	
H-2	28	2	67	396	WM-180	591	8	WM-182	642	7							3.5	
H-2	1	3	67	397	WM-180	591	8	WM-182	642	7							3.5	
H-2	1	3	67	398	WM-180	591	8	WM-182	642	7							3.5	
H-2	2	3	67	399	WM-180	591	8	WM-182	642	7							3.5	
H-2	3	3	67	400	WM-180	591	8	WM-182	642	7							3.5	
H-2	3	3	67	401	WM-180	591	8	WM-182	642	7							3.5	
H-2	4	3	67	402	WM-180	591	8	WM-182	642	7							3.5	
H-2	5	3	67	403	WM-180	591	8	WM-182	642	7							3.5	
H-2	5	3	67	404	WM-180	591	8	WM-182	642	7							3.5	
H-2	6	3	67	405	WM-180	591	8	WM-182	642	7							3.5	
H-2	7	3	67	406	WM-180	591	8	WM-182	642	7							3.5	
H-2	7	3	67	407	WM-180	591	8	WM-182	642	7							3.5	
H-2	18	3	67	DB	Dolomite Bed (approx. 77 cubic feet)						5420	92						
H-2	18	3	67	16	Cold									1440	1.6	0.04	4.0	
H-2	18	3	67	DB	Dolomite Bed (approx. 33 cubic feet)						2320	92						
H-2	18	3	67	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92						
H-2	19	3	67	17	Cold									1440	1.6	0.04	4.0	
H-2	20	3	67	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92						
H-2	20	3	67	18	Cold									1440	1.6	0.04	4.0	
H-2	21	3	67	19	Cold									1440	1.6	0.04	4.0	
H-2	22	3	67	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92						
H-2	23	3	67	20	Cold									700	1.6	0.04	2.0	
H-2	24	3	67	409				WM-182	642	7							1.8	
H-2	25	3	67	410				WM-182	642	7							1.8	
H-2	25	3	67	411				WM-182	642	7							1.8	
H-2	26	3	67	412	WM-180	591	8	WM-182	642	7							3.5	
H-2	27	3	67	413	WM-180	739	8	WM-182	561	7							3.6	
H-2	27	3	67	414	WM-180	739	8	WM-182	561	7							3.6	
H-2	28	3	67	415	WM-180	739	8	WM-182	561	7							3.6	
H-2	29	3	67	416	WM-180	739	8	WM-182	561	7							3.6	
H-2	30	3	67	417	WM-180	739	8	WM-182	561	7							3.6	
H-2	6	4	67	418	WM-180	739	8	WM-182	561	7							3.6	
H-2	7	4	67	419	WM-180	739	8	WM-182	561	7							3.6	
H-2	7	4	67	420	WM-180	739	8	WM-182	561	7							3.6	
H-2	8	4	67	421	WM-180	739	8	WM-182	561	7							3.6	
H-2	9	4	67	422	WM-180	739	8	WM-182	561	7							3.6	
H-2	9	4	67	423	WM-180	739	8	WM-182	561	7							3.6	
H-2	10	4	67	424	WM-180	739	8	WM-182	561	7							3.6	
H-2	11	4	67	425	WM-180	739	8	WM-182	561	7							3.6	
H-2	12	4	67	426	WM-180	739	8	WM-182	561	7							3.6	
H-2	12	4	67	427	WM-180	739	8	WM-182	561	7							3.6	
H-2	13	4	67	428	WM-180	739	8	WM-182	561	7							3.6	
H-2	14	4	67	429	WM-180	739	8	WM-182	561	7							3.6	
H-2	14	4	67	430				WM-182	1450	9							4.1	
H-2	15	4	67	431				WM-182	1450	9							4.1	
H-2	16	4	67	432				WM-182	1450	9							4.1	
H-2	17	4	67	433				WM-182	1450	9							4.1	
H-2	18	4	67	434				WM-182	1450	9							4.1	
H-2	18	4	67	435				WM-182	1450	9							4.1	
H-2	19	4	67	436				WM-182	1450	9							4.1	
H-2	19	4	67	437				WM-182	1450	9							4.1	
H-2	20	4	67	438				WM-182	1450	9							4.1	
H-2	20	4	67	439				WM-182	1450	9							4.1	
H-2	21	4	67	440				WM-182	1450	9							4.1	
H-2	22	4	67	441				WM-182	1450	9							4.1	

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF Camp.	Date			Batch No.	Feed Stream									Cold Chemicals					
	d	mo	yr		1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>2</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-2	23	4	67	442				WM-182	1450	9							4.1		
H-2	24	4	67	443				WM-182	1450	9							4.1		
H-2	24	4	67	444				WM-182	1450	9							4.1		
H-2	25	4	67	445				WM-182	1450	9							4.1		
H-2	25	4	67	446				WM-182	1450	9							4.1		
H-2	26	4	67	447				WM-182	1450	9							4.1		
H-2	27	4	67	448				WM-182	1413	9							4.0		
H-2	28	4	67	449				WM-182	1413	9							4.0		
H-2	29	4	67	450				WM-182	1413	9							4.0		
H-2	29	4	67	451				WM-182	1413	9							4.0		
H-2	30	4	67	452				WM-182	1413	9							4.0		
H-2	1	5	67	453				WM-182	1413	9							4.0		
H-2	2	5	67	454				WM-182	1413	9							4.0		
H-2	2	5	67	455				WM-182	1413	9							4.0		
H-2	3	5	67	456				WM-182	1413	9							4.0		
H-2	4	5	67	457				WM-182	1413	9							4.0		
H-2	5	5	67	458				WM-182	1413	9							4.0		
H-2	6	5	67	459				WM-182	1413	9							4.0		
H-2	7	5	67	460				WM-182	1413	9							4.0		
H-2	8	5	67	461				WM-182	1413	9							4.0		
H-2	8	5	67	462				WM-182	1413	9							4.0		
H-2	9	5	67	463				WM-182	1413	9							4.0		
H-2	10	5	67	464				WM-182	1413	9							4.0		
H-2	10	5	67	465				WM-182	1413	9							4.0		
H-2	11	5	67	466				WM-182	1413	9							4.0		
H-2	12	5	67	467				WM-182	1413	9							4.0		
H-2	13	5	67	468				WM-182	1413	9							4.0		
H-2	14	5	67	469				WM-182	1413	9							4.0		
H-2	14	5	67	470				WM-182	1413	9							4.0		
H-2	15	5	67	471				WM-182	1413	9							4.0		
H-2	16	5	67	472				WM-182	1413	9							4.0		
H-2	16	5	67	473				WM-182	1413	9							4.0		
H-2	17	5	67	474				WM-182	1413	9							4.0		
H-2	23	5	67	475				WM-182	1413	9							4.0		
H-2	24	5	67	476				WM-182	1413	9							4.0		
H-2	25	5	67	477				WM-182	1413	9							4.0		
H-2	25	5	67	478				WM-182	1413	9							4.0		
H-2	26	5	67	479				WM-182	1413	9							4.0		
H-2	27	5	67	480				WM-182	1344	9							3.8		
H-2	28	5	67	481				WM-182	1344	9							3.8		
H-2	29	5	67	482				WM-182	1344	9							3.8		
H-2	29	5	67	483				WM-182	1344	9							3.8		
H-2	30	5	67	484				WM-182	1344	9							3.8		
H-2	31	5	67	485				WM-182	1344	9							3.8		
H-2	1	6	67	486				WM-182	1344	9							3.8		
H-2	2	6	67	487				WM-182	1344	9							3.8		
H-2	2	6	67	488				WM-182	1344	9							3.8		
H-2	3	6	67	489				WM-182	1344	9							3.8		
H-2	4	6	67	490				WM-182	1344	9							3.8		
H-2	4	6	67	491				WM-182	1344	9							3.8		
H-2	5	6	67	492				WM-182	1344	9							3.8		
H-2	6	6	67	493				WM-182	1344	9							3.8		
H-2	7	6	67	494				WM-182	1344	9							3.8		
H-2	8	6	67	495				WM-182	1344	9							3.8		
H-2	8	6	67	496				WM-182	1344	9							3.8		
H-2	9	6	67	497				WM-182	1344	9							3.8		
H-2	10	6	67	498				WM-182	1344	9							3.8		
H-2	10	6	67	499				WM-182	1344	9							3.8		
H-2	11	6	67	500				WM-182	1344	9							3.8		
H-2	12	6	67	501				WM-182	1344	9							3.8		
H-2	13	6	67	502				WM-182	1344	9							3.8		
H-2	14	6	67	503				WM-182	1344	9							3.8		
H-2	14	6	67	504				WM-182	1344	9							3.8		
H-2	15	6	67	505				WM-182	1344	9							3.8		
H-2	16	6	67	506				WM-182	1344	9							3.8		
H-2	16	6	67	507				WM-182	1344	9							3.8		
H-2	17	6	67	508				WM-182	1344	9							3.8		
H-2	18	6	67	509				WM-182	1344	9							3.8		

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

				Feed Stream									Cold Chemicals					
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-2	19	6	67	510				WM-182	1344	9							3.8	
H-2	20	6	67	511				WM-182	1344	9							3.8	
H-2	20	6	67	512				WM-182	1344	9							3.8	
H-2	21	6	67	513				WM-182	1344	9							3.8	
H-2	21	6	67	514				WM-182	1344	9							3.8	
H-2	22	6	67	515				WM-182	1344	9							3.8	
H-2	22	6	67	516				WM-182	1344	9							3.8	
H-2	23	6	67	517				WM-182	1344	9							3.8	
H-2	24	6	67	518				WM-182	1344	9							3.8	
H-2	24	6	67	519				WM-182	1344	9							3.8	
H-2	25	6	67	520				WM-182	1344	9							3.8	
H-2	25	6	67	521				WM-182	1344	9							3.8	
H-2	26	6	67	522				WM-182	1344	9							3.8	
H-2	27	6	67	523				WM-182	1202	9							3.4	
H-2	27	6	67	524				WM-182	1202	9							3.4	
H-2	28	6	67	525				WM-182	1202	9							3.4	
H-2	29	6	67	526				WM-182	1202	9							3.4	
H-2	29	6	67	527				WM-182	1202	9							3.4	
H-2	30	6	67	528				WM-182	1202	9							3.4	
H-2	30	6	67	529				WM-182	1202	9							3.4	
H-2	1	7	67	530				WM-182	1202	9							3.4	
H-2	2	7	67	531				WM-182	1202	9							3.4	
H-2	2	7	67	532				WM-182	1202	9							3.4	
H-2	3	7	67	533				WM-182	1202	9							3.4	
H-2	4	7	67	534				WM-182	1202	9							3.4	
H-2	4	7	67	535				WM-182	1202	9							3.4	
H-2	5	7	67	536				WM-182	1202	9							3.4	
H-2	5	7	67	537				WM-182	1202	9							3.4	
H-2	6	7	67	538				WM-182	1202	9							3.4	
H-2	7	7	67	539				WM-182	1202	9							3.4	
H-2	7	7	67	540				WM-182	1202	9							3.4	
H-2	8	7	67	541				WM-182	1202	10							3.4	
H-2	9	7	67	542				WM-182	1202	10							3.4	
H-2	10	7	67	543				WM-182	1202	10							3.4	
H-2	10	7	67	544				WM-182	1202	10							3.4	
H-2	11	7	67	545				WM-182	1202	10							3.4	
H-2	11	7	67	546				WM-182	1202	10							3.4	
H-2	12	7	67	547				WM-182	1202	10							3.4	
H-2	13	7	67	548				WM-182	1202	10							3.4	
H-2	13	7	67	549				WM-182	1202	10							3.4	
H-2	14	7	67	550				WM-182	1202	10							3.4	
H-2	16	7	67	551				WM-182	1202	10							3.4	
H-2	15	7	67	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92						
H-2	15	7	67	552				WM-182	1202	10							3.4	
H-2	16	7	67	553				WM-182	1202	10							3.4	
H-2	17	7	67	554				WM-182	1202	10							3.4	
H-2	18	7	67	555				WM-182	1202	10							3.4	
H-2	19	7	67	556				WM-182	1202	10							3.4	
H-2	19	7	67	557				WM-182	1202	10							3.4	
H-2	20	7	67	558				WM-182	1202	10							3.4	
H-2	20	7	67	559				WM-182	1202	10							3.4	
H-2	21	7	67	560				WM-182	1202	10							3.4	
H-2	22	7	67	561				WM-182	1202	10							3.4	
H-2	22	7	67	562				WM-182	1202	10							3.4	
H-2	23	7	67	563				WM-182	1202	10							3.4	
H-2	24	7	67	564				WM-182	1202	10							3.4	
H-2	24	7	67	565				WM-182	1202	10							3.4	
H-2	25	7	67	566				WM-182	1202	10							3.4	
H-2	25	7	67	567				WM-182	1202	10							3.4	
H-2	26	7	67	568				WM-182	1202	10							3.4	
H-2	26	7	67	569				WM-182	1202	10							3.4	
H-2	27	7	67	570				WM-182	1155	10							3.2	
H-2	28	7	67	571				WM-182	1155	10							3.2	
H-2	29	7	67	572				WM-182	1155	10							3.2	
H-2	29	7	67	573				WM-182	1155	10							3.2	
H-2	30	7	67	574				WM-182	1155	10							3.2	
H-2	30	7	67	575				WM-182	1155	10							3.2	
H-2	31	7	67	576				WM-182	1155	10							3.2	

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF				Feed Stream									Cold Chemicals					
Camp	d	mo	yr	No.	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-2	1	8	67	577				WM-182	1155	10							3.2	
H-2	1	8	67	578				WM-182	1155	10							3.2	
H-2	2	8	67	579				WM-182	1155	10							3.2	
H-2	3	8	67	580				WM-182	1155	10							3.2	
H-2	3	8	67	581				WM-182	1155	10							3.2	
H-2	4	8	67	582				WM-182	1155	10							3.2	
H-2	4	8	67	583				WM-182	1155	10							3.2	
H-2	5	8	67	584				WM-182	1155	10							3.2	
H-2	6	8	67	585				WM-182	1155	10							3.2	
H-2	6	8	67	586				WM-182	1155	10							3.2	
H-2	7	8	67	587				WM-182	1155	10							3.2	
H-2	8	8	67	588				WM-182	1155	10							3.2	
H-2	8	8	67	589				WM-182	1155	10							3.2	
H-2	9	8	67	590				WM-182	1155	10							3.2	
H-2	9	8	67	591				WM-182	1155	10							3.2	
H-2	10	8	67	592				WM-182	1155	10							3.2	
H-2	11	8	67	593				WM-182	1155	10							3.2	
H-2	11	8	67	594				WM-182	1155	10							3.2	
H-2	12	8	67	595				WM-182	1155	10							3.2	
H-2	12	8	67	596				WM-182	1155	10							3.2	
H-2	13	8	67	597				WM-182	1155	10							3.2	
H-2	14	8	67	598				WM-182	1155	10							3.2	
H-2	14	8	67	599				WM-182	1155	10							3.2	
H-2	15	8	67	600				WM-182	1155	10							3.2	
H-2	15	8	67	601				WM-182	1155	10							3.2	
H-2	16	8	67	602				WM-182	1155	10							3.2	
H-2	17	8	67	603				WM-182	1155	10							3.2	
H-2	17	8	67	604				WM-182	1155	10							3.2	
H-2	18	8	67	605				WM-182	1155	10							3.2	
H-2	18	8	67	606				WM-182	1155	10							3.2	
H-2	19	8	67	607				WM-182	1155	10							3.2	
H-2	19	8	67	608				WM-182	1155	10							3.2	
H-2	20	8	67	609				WM-182	1155	10							3.2	
H-2	21	8	67	610				WM-182	1155	10							3.2	
H-2	21	8	67	611				WM-182	1155	10							3.2	
H-2	22	8	67	612				WM-182	1155	10							3.2	
H-2	23	8	67	613				WM-182	1155	10							3.2	
H-2	23	8	67	614				WM-182	1155	10							3.2	
H-2	24	8	67	615				WM-182	1155	10							3.2	
H-2	24	8	67	616				WM-182	1155	10							3.2	
H-2	25	8	67	617				WM-182	1155	10							3.2	
H-2	25	8	67	618				WM-182	1155	10							3.2	
H-2	26	8	67	619				WM-182	1155	10							3.2	
H-2	26	8	67	620				WM-182	1155	10							3.2	
H-2	27	8	67	621				WM-182	1230	10							3.5	
H-2	28	8	67	622				WM-182	1230	10							3.5	
H-2	28	8	67	623				WM-182	1230	10							3.5	
H-2	29	8	67	624				WM-182	1230	10							3.5	
H-2	30	8	67	625				WM-182	1230	10							3.5	
H-2	30	8	67	626				WM-182	1230	10							3.5	
H-2	31	8	67	627				WM-182	1230	10							3.5	
H-2	31	8	67	628				WM-182	1230	10							3.5	
H-2	1	9	67	629				WM-182	1230	10							3.5	
H-2	2	9	67	630				WM-182	1230	10							3.5	
H-2	2	9	67	631				WM-182	1230	10							3.5	
H-2	3	9	67	632				WM-182	1230	10							3.5	
H-2	3	9	67	633				WM-182	1230	10							3.5	
H-2	4	9	67	634				WM-182	1230	10							3.5	
H-2	5	9	67	635				WM-182	1230	10							3.5	
H-2	5	9	67	636				WM-182	1230	10							3.5	
H-2	6	9	67	637				WM-182	1230	10							3.5	
H-2	6	9	67	638				WM-182	1230	10							3.5	
H-2	7	9	67	639				WM-182	1230	11							3.5	
H-2	8	9	67	640				WM-182	1230	11							3.5	
H-2	8	9	67	641				WM-182	1230	11							3.5	
H-2	9	9	67	642				WM-182	1230	11							3.5	
H-2	9	9	67	643				WM-182	1230	11							3.5	
H-2	10	9	67	644				WM-182	1230	11							3.5	

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF Camp	Date			Batch No.	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>2</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-2	10	9	67	645				WM-182	1230	11							3.5	
H-2	11	9	67	646				WM-182	1230	11							3.5	
H-2	12	9	67	647				WM-182	1230	11							3.5	
H-2	13	9	67	648				WM-182	1230	11							3.5	
H-2	13	9	67	649				WM-182	1230	11							3.5	
H-2	14	9	67	650				WM-182	1230	11							3.5	
H-2	14	9	67	651				WM-182	1230	11							3.5	
H-2	15	9	67	652				WM-182	1230	11							3.5	
H-2	16	9	67	653				WM-182	1230	11							3.5	
H-2	16	9	67	654				WM-182	1230	11							3.5	
H-2	17	9	67	655				WM-182	1230	11							3.5	
H-2	17	9	67	656				WM-182	1230	11							3.5	
H-2	18	9	67	657				WM-182	1230	11							3.5	
H-2	19	9	67	658				WM-182	1230	11							3.5	
H-2	19	9	67	659				WM-182	1230	11							3.5	
H-2	20	9	67	660				WM-182	1230	11							3.5	
H-2	21	9	67	661				WM-182	1230	11							3.5	
H-2	21	9	67	662				WM-182	1230	11							3.5	
H-2	22	9	67	663				WM-182	1230	12							3.5	
H-2	23	9	67	664				WM-182	1230	12							3.5	
H-2	23	9	67	665				WM-182	1230	12							3.5	
H-2	24	9	67	666				WM-182	1230	12							3.5	
H-2	24	9	67	667				WM-182	1230	12							3.5	
H-2	25	9	67	668				WM-182	1230	12							3.5	
H-2	25	9	67	669				WM-182	1230	12							3.5	
H-2	26	9	67	670				WM-182	1230	12							3.5	
H-2	27	9	67	671				WM-182	1153	12							3.2	
H-2	27	9	67	672				WM-182	1153	12							3.2	
H-2	28	9	67	673				WM-182	1153	12							3.2	
H-2	28	9	67	674				WM-182	1153	12							3.2	
H-2	29	9	67	675				WM-182	1153	12							3.2	
H-2	30	9	67	676				WM-182	1153	12							3.2	
H-2	30	9	67	677				WM-182	1153	12							3.2	
H-2	1	10	67	678				WM-182	1153	12							3.2	
H-2	2	10	67	679				WM-182	1153	12							3.2	
H-2	2	10	67	680				WM-182	1153	12							3.2	
H-2	3	10	67	681				WM-182	1153	12							3.2	
H-2	4	10	67	682				WM-182	1153	12							3.2	
H-2	4	10	67	683				WM-182	1153	12							3.2	
H-2	5	10	67	684				WM-182	1153	12							3.2	
H-2	5	10	67	685				WM-182	1153	12							3.2	
H-2	6	10	67	686				WM-182	1153	12							3.2	
H-2	6	10	67	687				WM-182	1153	12							3.2	
H-2	7	10	67	688				WM-182	1153	12							3.2	
H-2	8	10	67	689				WM-182	1153	12							3.2	
H-2	8	10	67	690				WM-182	1153	12							3.2	
H-2	9	10	67	691				WM-182	1153	12							3.2	
H-2	9	10	67	692				WM-182	1153	12							3.2	
H-2	10	10	67	693				WM-182	1153	12							3.2	
H-2	10	10	67	694				WM-182	1153	12							3.2	
H-2	11	10	67	695				WM-182	1153	12							3.2	
H-2	13	10	67	696				WM-182	1153	12							3.2	
H-2	14	10	67	697				WM-182	1153	12							3.2	
H-2	14	10	67	698				WM-182	1153	12							3.2	
H-2	15	10	67	699				WM-182	1153	12							3.2	
H-2	15	10	67	700				WM-182	1153	12							3.2	
H-2	16	10	67	701				WM-182	1153	12							3.2	
H-2	16	10	67	702				WM-182	1153	12							3.2	
H-2	17	10	67	703				WM-182	1153	12							3.2	
H-2	18	10	67	704				WM-182	1153	12							3.2	
H-2	18	10	67	705				WM-182	1153	12							3.2	
H-2	19	10	67	706				WM-182	1153	12							3.2	
H-2	20	10	67	707				WM-182	1153	12							3.2	
H-2	20	10	67	708				WM-182	1153	12							3.2	
H-2	21	10	67	709				WM-182	1153	12							3.2	
H-2	21	10	67	710				WM-182	1153	12							3.2	
H-2	22	10	67	711				WM-182	1153	12							3.2	
H-2	23	10	67	712				WM-182	1153	12							3.2	

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF	Date			Batch	Feed Stream												Cold Chemicals			
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>			
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb		
H-2	24	10	67	713				WM-182	1153	12							3.2			
H-2	24	10	67	714				WM-182	1153	12							3.2			
H-2	25	10	67	715				WM-182	1153	12							3.2			
H-2	25	10	67	716				WM-182	1153	12							3.2			
H-2	26	10	67	717				WM-182	1153	12							3.2			
H-2	27	10	67	718				WM-182	1594	12							4.5			
H-2	27	10	67	719				WM-182	1594	12							4.5			
H-2	28	10	67	720				WM-182	1594	12							4.5			
H-2	28	10	67	721				WM-182	1594	12							4.5			
H-2	29	10	67	722				WM-182	1594	12							4.5			
H-2	30	10	67	723				WM-182	1594	12							4.5			
H-2	30	10	67	724				WM-182	1594	12							4.5			
H-2	31	10	67	725				WM-182	1594	12							4.5			
H-2	1	11	67	726				WM-182	1594	12							4.5			
H-2	1	11	67	727				WM-182	1594	12							4.5			
H-2	2	11	67	728				WM-182	1594	12							4.5			
H-2	3	11	67	729				WM-182	1594	13							4.5			
H-2	3	11	67	730				WM-182	1594	13							4.5			
H-2	4	11	67	731				WM-182	1594	13							4.5			
H-2	4	11	67	732				WM-182	1594	13							4.5			
H-2	5	11	67	733				WM-182	1594	13							4.5			
H-2	6	11	67	734				WM-182	1594	13							4.5			
H-2	7	11	67	735				WM-182	1594	13							4.5			
H-2	7	11	67	736				WM-182	1594	13							4.5			
H-2	8	11	67	737				WM-182	1594	13							4.5			
H-2	9	11	67	738				WM-182	1594	13							4.5			
H-2	9	11	67	739				WM-182	1594	13							4.5			
H-2	10	11	67	740				WM-182	1594	13							4.5			
H-2	11	11	67	741				WM-182	1594	13							4.5			
H-2	12	11	67	742				WM-182	1594	13							4.5			
H-2	13	11	67	1	WM-188	901	14											2077		
H-2	13	11	67	2	WM-188	901	14											2077		
H-2	14	11	67	3	WM-188	901	14											2077		
H-2	15	11	67	4	WM-188	901	14											2077		
H-2	16	11	67	5	WM-188	901	14											2077		
H-2	17	11	67	6	WM-188	901	14											2077		
H-2	18	11	67	7	WM-188	901	14											2077		
H-2	18	11	67	8	WM-188	901	14											2077		
H-2	19	11	67	9	WM-188	901	14											2077		
H-2	20	11	67	10	WM-188	901	14											2077		
H-2	21	11	67	11	WM-188	901	14											2077		
H-2	21	11	67	12	WM-188	901	14											2077		
H-2	22	11	67	13	WM-188	901	14											2077		
H-2	23	11	67	14	WM-188	901	14											2077		
H-2	24	11	67	15	WM-188	901	14											2077		
H-2	25	11	67	16	WM-188	901	14											2077		
H-2	26	11	67	17	WM-188	901	14											2077		
H-2	9	12	67	DB	Dolomite Bed (approx. 77 cubic feet)						5420	92								
H-2	9	12	67	21	Cold									1440	1.6	0.04	4.0			
H-2	9	12	67	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92								
H-2	10	12	67	DB	Dolomite Bed (approx. 11 cubic feet)						780	92								
H-2	10	12	67	22	Cold									1440	1.6	0.04	4.0			
H-2	10	12	67	23	Cold									850	1.6	0.04	2.4			
H-2	11	12	67	DB	Dolomite Bed (approx. 11 cubic feet)						780	92								
H-2	11	12	67	24	Cold									1300	1.6	0.04	3.7			
H-2	11	12	67	DB	Dolomite Bed (approx. 11 cubic feet)						780	92								
H-2	11	12	67	25	Cold									780	1.6	0.04	2.2			
H-2	11	12	67	DB	Dolomite Bed (approx. 11 cubic feet)						780	92								
H-2	13	12	67	26	Cold									850	1.6	0.04	2.4			
H-2	13	12	67	18	WM-188	799	14											2077		
H-2	14	12	67	19	WM-188	799	14											2077		
H-2	15	12	67	20	WM-188	799	14											2077		
H-2	15	12	67	21	WM-188	799	14											2077		
H-2	16	12	67	22	WM-188	799	14											2077		
H-2	17	12	67	23	WM-188	799	14											2077		
H-2	18	12	67	24	WM-188	799	14											2077		
H-2	18	12	67	25	WM-188	799	14											2077		
H-2	19	12	67	26	WM-188	799	14											2077		



Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF Camp.	Date			Batch		Feed Stream									Cold Chemicals						
	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	Al(NO <sub>3</sub> ) <sub>3</sub>	M	NaNO <sub>3</sub>	M	H <sub>3</sub> BO <sub>3</sub>	kg	Ca(NO <sub>3</sub> ) <sub>2</sub>	lb
H-2	20	12	67	27	WM-188	799	14														2077
H-2	21	12	67	28	WM-188	799	14														2077
H-2	22	12	67	29	WM-188	799	14														2077
H-2	23	12	67	30	WM-188	799	14														2077
H-2	24	12	67	31	WM-188	799	14														2077
H-2	24	12	67	32	WM-188	799	14														2077
H-2	25	12	67	33	WM-188	799	14														2077
H-2	26	12	67	34	WM-188	799	14														2077
H-2	26	12	67	35	WM-188	799	14														2077
H-2	27	12	67	36	WM-188	868	14														2077
H-2	28	12	67	37	WM-188	868	14														2077
H-2	29	12	67	38	WM-188	868	14														2077
H-2	29	12	67	39	WM-188	868	14														2077
H-2	30	12	67	40	WM-188	868	14														2077
H-2	31	12	67	41	WM-188	868	14														2077
H-2	1	1	68	42	WM-188	868	14														2077
H-2	2	1	68	43	WM-188	868	14														2077
H-2	3	1	68	44	WM-188	868	14														2077
H-2	4	1	68	45	WM-188	868	14														2077
H-2	5	1	68	46	WM-188	868	14														2077
H-2	6	1	68	47	WM-188	868	14														2077
H-2	7	1	68	48	WM-188	868	14														2077
H-2	7	1	68	49	WM-188	868	14														2077
H-2	8	1	68	50	WM-188	868	14														2077
H-2	9	1	68	51	WM-188	868	14														2077
H-2	10	1	68	52	WM-188	868	14														2077
H-2	10	1	68	53	WM-188	868	14														2077
H-2	11	1	68	54	WM-188	868	14														2077
H-2	12	1	68	55	WM-188	868	14														2077
H-2	13	1	68	56	WM-188	868	14														2077
H-2	13	1	68	57	WM-188	868	14														2077
H-2	14	1	68	58	WM-188	868	14														2077
H-2	15	1	68	59	WM-188	868	14														2077
H-2	16	1	68	60	WM-188	868	14														2077
H-2	17	1	68	61	WM-188	868	14														2077
H-2	18	1	68	62	WM-188	868	14														2077
H-2	19	1	68	63	WM-188	868	14														2077
H-2	19	1	68	64	WM-188	868	14														2077
H-2	20	1	68	65	WM-188	868	14														2077
H-2	21	1	68	66	WM-188	868	14														2077
H-2	21	1	68	67	WM-188	868	14														2077
H-2	22	1	68	68	WM-188	868	14														2077
H-2	23	1	68	69	WM-188	868	14														2077
H-2	24	1	68	70	WM-188	868	14														2077
H-2	24	1	68	71	WM-188	868	14														2077
H-2	25	1	68	72	WM-188	868	14														2077
H-2	26	1	68	73	WM-188	868	14														2077
H-2	26	1	68	74	WM-188	868	14														2077
H-2	27	1	68	75	WM-188	927	14														2077
H-2	28	1	68	76	WM-188	927	14														2077
H-2	29	1	68	77	WM-188	927	14														2077
H-2	29	1	68	78	WM-188	927	14														2077
H-2	30	1	68	79	WM-188	927	14														2077
H-2	31	1	68	80	WM-188	927	14														2077
H-2	1	2	68	81	WM-188	927	14														2077
H-2	2	2	68	82	WM-188	927	14														2077
H-2	2	2	68	83	WM-188	927	14														2077
H-2	3	2	68	84	WM-188	927	14														2077
H-2	3	2	68	85	WM-188	927	14														2077
H-2	4	2	68	86	WM-188	927	14														2077
H-2	5	2	68	87	WM-188	927	14														2077
H-2	6	2	68	88	WM-188	927	14														2077
H-2	6	2	68	89	WM-188	927	14														2077
H-2	7	2	68	90	WM-188	927	14														2077
H-2	8	2	68	91	WM-188	927	14														2077
H-2	9	2	68	92	WM-188	927	14														2077
H-2	10	2	68	93	WM-188	927	14														2077
H-2	10	2	68	94	WM-188	927	14														2077

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

					Feed Stream									Cold Chemicals				
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-2	11	2	68	95	WM-188	927	14											2077
H-2	11	2	68	96	WM-188	927	14											2077
H-2	12	2	68	97	WM-188	927	14											2077
H-2	13	2	68	98	WM-188	927	14											2077
H-2	14	2	68	99	WM-188	927	14											2077
H-2	14	2	68	100	WM-188	927	14											2077
H-2	15	2	68	101	WM-188	927	14											2077
H-2	16	2	68	102	WM-188	927	14											2077
H-2	17	2	68	103	WM-188	927	14											2077
H-2	17	2	68	104	WM-188	927	14											2077
H-2	18	2	68	105	WM-188	927	14											2077
H-2	19	2	68	106	WM-188	927	14											2077
H-2	20	2	68	107	WM-188	927	14											2077
H-2	21	2	68	108	WM-188	927	14											2077
H-2	22	2	68	109	WM-188	927	14											2077
H-2	22	2	68	110	WM-188	927	14											2077
H-2	23	2	68	111	WM-188	927	14											2077
H-2	24	2	68	112	WM-188	927	14											2077
H-2	25	2	68	113	WM-188	927	14											2077
H-2	25	2	68	114	WM-188	927	14											2077
H-2	26	2	68	115	WM-188	927	14											2077
H-2	27	2	68	116	WM-188	651	14											2077
H-2	28	2	68	117	WM-188	651	14											2077
H-2	28	2	68	118	WM-188	651	14											2077
H-2	29	2	68	119	WM-188	651	14											2077
H-2	1	3	68	120	WM-188	651	14											2077
H-2	2	3	68	121	WM-188	651	14											2077
H-2	3	3	68	122	WM-188	651	14											2077
H-2	3	3	68	123	WM-188	651	14											2077
H-2	4	3	68	124	WM-188	651	14											2077
H-2	5	3	68	125	WM-188	651	14											2077
H-2	5	3	68	126	WM-188	651	14											2077
H-2	6	3	68	127	WM-188	651	14											2077
H-2	7	3	68	744				WM-185	1099	15							3.1	
H-2	7	3	68	745				WM-185	1099	15							3.1	
H-2	8	3	68	746				WM-185	1099	15							3.1	
H-2	9	3	68	747				WM-185	1099	15							3.1	
H-2	10	3	68	748				WM-185	1099	15							3.1	
H-2	10	3	68	749				WM-185	1099	15							3.1	
H-2	11	3	68	750				WM-185	1099	15							3.1	
H-2	12	3	68	751				WM-185	1099	15							3.1	
H-2	12	3	68	752				WM-185	1099	15							3.1	
H-2	13	3	68	753				WM-185	1099	15							3.1	
H-2	14	3	68	754				WM-185	1099	15							3.1	
H-2	15	3	68	755				WM-185	1099	15							3.1	
H-2	15	3	68	756				WM-185	1099	15							3.1	
H-2	16	3	68	757				WM-185	1099	15							3.1	
H-2	17	3	68	758				WM-185	1099	15							3.1	
H-2	18	3	68	759				WM-185	1099	15							3.1	
H-2	19	3	68	760				WM-185	1099	15							3.1	
H-2	19	3	68	761				WM-185	1099	15							3.1	
H-2	20	3	68	762				WM-185	1099	15							3.1	
H-2	21	3	68	763				WM-185	1099	15							3.1	
H-2	22	3	68	764				WM-185	1099	15							3.1	
H-2	22	3	68	765				WM-185	1099	15							3.1	
H-2	23	3	68	766				WM-185	1099	15							3.1	
H-3	8	8	68	DB	Dolomite Bed (approx. 83 cubic feet)						5810	92						
H-3	8	8	68	1C	Cold									1166	1.6		3.3	
H-3	9	8	68	2C	Cold									1220	1.6		3.4	
H-3	10	8	68	3C	Cold									1160	1.6		3.3	
H-3	10	8	68	4C	Cold									712	1.6		2.0	
H-3	11	8	68	5C	Cold									1207	1.6		3.4	
H-3	11	8	68	6C	Cold									1241	1.6		3.5	
H-3	12	8	68	7C	Cold									744	1.6		2.1	
H-3	12	8	68	8C	Cold									1430	1.6		4.0	
H-3	13	8	68	9C	Cold									890	1.6		2.5	
H-3	14	8	68	10C	Cold									1063	1.6		3.0	
H-3	14	8	68	11	WM-188	803	16											1630

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF Camp	Date			Batch No.	Feed Stream												Cold Chemicals				
	d	mo	yr		1				2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>		
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb			
H-3	15	8	68	12	WM-188	903	16													1780	
H-3	16	8	68	13	WM-188	917	16													1950	
H-3	16	8	68	14	WM-188	938	16													2080	
H-3	17	8	68	15	WM-188	920	16													2340	
H-3	18	8	68	16	WM-188	947	16													2180	
H-3	19	8	68	17	WM-188	904	16													2300	
H-3	19	8	68	18	WM-188	914	16													2290	
H-3	20	8	68	19	WM-188	901	16													1950	
H-3	21	8	68	20	WM-188	1102	16													2380	
H-3	21	8	68	21	WM-188	1012	16													2320	
H-3	22	8	68	22	WM-188	1026	16													2280	
H-3	23	8	68	23	WM-188	1000	16													2060	
H-3	24	8	68	24	WM-188	899	16													1880	
H-3	24	8	68	25	WM-188	1104	16													2190	
H-3	25	8	68	26	WM-188	1108	16													2310	
H-3	26	8	68	27	WM-188	1108	16													2020	
H-3	27	8	68	28	WM-188	1000	16													1620	
H-3	27	8	68	29	WM-188	1100	16													2300	
H-3	28	8	68	30	WM-188	1099	16													2050	
H-3	29	8	68	31	WM-188	1119	16													2080	
H-3	30	8	68	32	WM-188	1115	16													1960	
H-3	31	8	68	33	WM-188	1097	16													1920	
H-3	1	9	68	34	WM-188	1099	16													2020	
H-3	2	9	68	35	WM-188	1099	16													1980	
H-3	3	9	68	36	WM-188	1000	16													2000	
H-3	3	9	68	37	WM-188	978	16													1860	
H-3	4	9	68	38	WM-188	1099	16													1950	
H-3	5	9	68	39	WM-188	1097	16													1710	
H-3	6	9	68	40	WM-188	1023	16													1650	
H-3	6	9	68	41	WM-188	1096	16													1780	
H-3	7	9	68	42	WM-188	1109	16													1730	
H-3	8	9	68	43	WM-188	1109	16													1800	
H-3	8	9	68	44	WM-188	1105	16													1800	
H-3	9	9	68	45	WM-188	1091	16													1560	
H-3	10	9	68	46	WM-188	1091	16													1850	
H-3	11	9	68	47	WM-188	1109	16													1880	
H-3	12	9	68	48	WM-188	1110	16													1830	
H-3	12	9	68	49	WM-188	1102	16													1870	
H-3	13	9	68	50	WM-188	1098	16													1860	
H-3	14	9	68	51	WM-188	1104	16													1880	
H-3	15	9	68	52	WM-188	1112	16													1930	
H-3	15	9	68	53	WM-188	1107	16													1890	
H-3	16	9	68	54	WM-188	1104	16													1900	
H-3	17	9	68	55	WM-188	988	16													1700	
H-3	17	9	68	56	WM-188	1098	16													1880	
H-3	18	9	68	57	WM-188	1098	16													1830	
H-3	19	9	68	58	WM-188	1061	16													1770	
H-3	20	9	68	59	WM-188	1103	16													1840	
H-3	20	9	68	60	WM-188	1106	16													1860	
H-3	21	9	68	61	WM-188	1100	16													1840	
H-3	22	9	68	62	WM-188	1103	16													1880	
H-3	23	9	68	63	WM-188	1106	16													1840	
H-3	24	9	68	64	WM-188	1107	16													1840	
H-3	24	9	68	65	WM-188	1103	16													1590	
H-3	25	9	68	66	WM-188	1111	16													1770	
H-3	26	9	68	67	WM-188	1092	16													1790	
H-3	27	9	68	68	WM-188	1097	16													1770	
H-3	27	9	68	69	WM-188	1100	16													1770	
H-3	28	9	68	70	WM-188	1093	16													1760	
H-3	29	9	68	71	WM-188	1100	16													1770	
H-3	29	9	68	72	WM-188	1103	16													1770	
H-3	30	9	68	73	WM-188	1096	16													1840	
H-3	1	10	68	74	WM-188	1120	16													1900	
H-3	2	10	68	75	WM-188	1100	16													1870	
H-3	2	10	68	76	WM-188	1100	16													1820	
H-3	3	10	68	77	WM-188	1099	16													1810	
H-3	4	10	68	78	WM-188	1097	16													1840	
H-3	5	10	68	79	WM-188	966	16													1640	

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF	Date			Batch	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-3	5	10	68	80	WM-188	952	16											1620
H-3	6	10	68	81	WM-188	805	16											1400
H-3	7	10	68	82	WM-188	1049	16											1800
H-3	7	10	68	83	WM-188	998	16											1970
H-3	8	10	68	84	WM-188	1160	16											2160
H-3	9	10	68	85	WM-188	1096	16											1880
H-3	10	10	68	86	WM-188	1098	16											1890
H-3	11	10	68	87	WM-188	1095	16											1610
H-3	11	10	68	88	WM-188	1157	16											1990
H-3	12	10	68	89	WM-188	1112	16											1930
H-3	13	10	68	90	WM-188	1099	16											1910
H-3	13	10	68	91	WM-188	1095	16											1870
H-3	14	10	68	92	WM-188	1112	16											1890
H-3	15	10	68	93	WM-188	1104	16											1910
H-3	15	10	68	94	WM-188	1108	16											1880
H-3	16	10	68	95	WM-188	1109	16											1800
H-3	17	10	68	96	WM-188	1112	16											1770
H-3	17	10	68	97	WM-188	1144	16											1600
H-3	18	10	68	98	WM-188	1096	16											1880
H-3	19	10	68	99	WM-188	1100	16											1910
H-3	20	10	68	100	WM-188	1107	16											1880
H-3	20	10	68	101	WM-188	1100	16											1930
H-3	21	10	68	102	WM-188	1098	16											1830
H-3	22	10	68	103	WM-188	1117	16											1810
H-3	22	10	68	104	WM-188	1089	16											1810
H-3	23	10	68	105	WM-188	1165	16											1930
H-3	24	10	68	106	WM-188	1103	16											1740
H-3	25	10	68	107	WM-188	1111	16											1860
H-3	25	10	68	108	WM-188	1099	16											1840
H-3	26	10	68	109	WM-188	1107	16											1850
H-3	27	10	68	110	WM-188	1099	16											1840
H-3	28	10	68	111	WM-188	1100	16											1840
H-3	28	10	68	112	WM-188	1095	16											1900
H-3	29	10	68	113	WM-188	1107	16											1920
H-3	30	10	68	114	WM-188	1099	16											1910
H-3	31	10	68	115	WM-188	1093	16											1940
H-3	31	10	68	116	WM-188	1082	16											1880
H-3	1	11	68	117	WM-188	1103	16											1880
H-3	2	11	68	118	WM-188	1123	16											1850
H-3	2	11	68	119	WM-188	1102	16											1800
H-3	3	11	68	120	WM-188	1097	16											1790
H-3	4	11	68	121	WM-188	1101	16											1800
H-3	5	11	68	122	WM-188	1112	16											1860
H-3	5	11	68	123	WM-188	1096	16											1810
H-3	6	11	68	124	WM-188	1087	16											1960
H-3	7	11	68	125	WM-188	1142	16											1960
H-3	8	11	68	126	WM-188	1099	16											1900
H-3	8	11	68	127	WM-188	1114	16											1860
H-3	9	11	68	128	WM-188	1102	16											1880
H-3	10	11	68	129	WM-188	1105	16											1590
H-3	11	11	68	130	WM-188	1106	16											1900
H-3	11	11	68	131	WM-188	1110	16											1860
H-3	28	11	68	11	Cold									8775	1.6		24.6	
H-3	28	11	68	DB	Dolomite Bed (approx. 22 cubic feet)							1550	92					
H-3	12	12	68	12	Cold									1000	1.6		2.8	
H-3	13	12	68	132	WM-188	1107	17											2120
H-3	14	12	68	133	WM-188	1110	17											2150
H-3	15	12	68	134	WM-188	1089	17											2160
H-3	15	12	68	135	WM-188	1101	17											1900
H-3	16	12	68	136	WM-188	1180	17											2320
H-3	17	12	68	137	WM-188	1100	17											2060
H-3	18	12	68	138	WM-188	1088	17											2070
H-3	18	12	68	139	WM-188	1097	17											2100
H-3	19	12	68	140	WM-188	1091	17											1950
H-3	20	12	68	141	WM-188	1099	17											1960
H-3	21	12	68	142	WM-188	1093	17											1950
H-3	21	12	68	143	WM-188	1102	17											1970
H-3	22	12	68	144	WM-188	1098	17											2030

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

				Feed Stream												Cold Chemicals				
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>			
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb		
H-3	23	12	68	145	WM-188	1099	17											2100		
H-3	24	12	68	146	WM-188	1095	17											2080		
H-3	25	12	68	147	WM-188	1115	17											2170		
H-3	25	12	68	148	WM-188	1102	17											2100		
H-3	26	12	68	149	WM-188	1204	17											2300		
H-3	27	12	68	150	WM-188	1202	17											2210		
H-3	28	12	68	151	WM-188	1201	17											2630		
H-3	28	12	68	152	WM-188	1202	17											2180		
H-3	29	12	68	153	WM-188	1110	17											2040		
H-3	30	12	68	154	WM-188	1035	17											1950		
H-3	31	12	68	155	WM-188	1197	17											2270		
H-3	31	12	68	156	WM-188	1211	17											2230		
H-3	1	1	69	157	WM-188	1108	17											2040		
H-3	2	1	69	158	WM-188	1118	17											2060		
H-3	3	1	69	159	WM-188	1143	17											2120		
H-3	4	1	69	160	WM-188	1097	17											2010		
H-3	4	1	69	161	WM-188	1110	17											2140		
H-3	5	1	69	162	WM-188	1102	17											2120		
H-3	6	1	69	163	WM-188	1117	17											2500		
H-3	7	1	69	164	WM-188	1090	17											2120		
H-3	7	1	69	165	WM-188	1102	17											2100		
H-3	8	1	69	166	WM-188	1081	17											2180		
H-3	9	1	69	167	WM-188	1130	17											2100		
H-3	10	1	69	168	WM-188	1121	17											2080		
H-3	10	1	69	169	WM-188	1086	17											1980		
H-3	11	1	69	170	WM-188	1099	17											2010		
H-3	12	1	69	171	WM-188	1118	17											1910		
H-3	13	1	69	172	WM-188	1144	17											2040		
H-3	13	1	69	173	WM-188	1100	17											2170		
H-3	14	1	69	174	WM-188	1084	17											2190		
H-3	15	1	69	175	WM-188	1146	17											2190		
H-3	16	1	69	176	WM-189	903	64											2470		
H-3	16	1	69	177	WM-189	901	64											2140		
H-3	17	1	69	178	WM-188	1011	17											1600		
H-3	18	1	69	179	WM-188	1135	17											1690		
H-3	19	1	69	180	WM-188	1103	17											1580		
H-3	20	1	69	181	WM-188	464	17											1430		
H-3	21	1	69	182	WM-188	1107	17											1580		
H-3	21	1	69	183	WM-188	1117	17											1580		
H-3	22	1	69	184	WM-188	1100	17											1580		
H-3	23	1	69	185	WM-188	1100	17											1560		
H-3	24	1	69	186	WM-188	1096	17											1580		
H-3	24	1	69	187	WM-188	1107	17											1470		
H-3	25	1	69	188	WM-188	1100	17											1620		
H-3	26	1	69	189	WM-188	1094	17											1600		
H-3	26	1	69	190	WM-188	1096	17											1600		
H-3	27	1	69	191	WM-188	1100	17											1570		
H-3	28	1	69	192	WM-189	1000	64											2220		
H-3	29	1	69	193	WM-189	1004	64											2210		
H-3	29	1	69	194	WM-189	1003	64											2220		
H-3	30	1	69	195	WM-189	1008	64											2230		
H-3	31	1	69	196	WM-189	1000	64											2010		
H-3	31	1	69	197	WM-189	1020	64											2230		
H-3	1	2	69	198	WM-189	998	64											2180		
H-3	2	2	69	199	WM-189	1007	64											2230		
H-3	3	2	69	200	WM-189	1000	64											2190		
H-3	4	2	69	201	WM-189	1000	64											2230		
H-3	5	2	69	202	WM-189	998	18											2170		
H-3	6	2	69	203	WM-189	1000	18											2170		
H-3	7	2	69	204	WM-189	1008	18											2220		
H-3	8	2	69	205	WM-189	1000	18											2180		
H-3	9	2	69	206	WM-189	1000	18											2180		
H-3	10	2	69	207	WM-189	1000	18											2190		
H-3	11	2	69	208	WM-189	996	18											2180		
H-3	12	2	69	209	WM-189	1007	18											2210		
H-3	12	2	69	210	WM-189	1000	18											2190		
H-3	13	2	69	211	WM-189	1014	18											2120		
H-3	14	2	69	212	WM-189	1015	18											2120		

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF	Date			Batch	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub> / H <sub>3</sub> BO <sub>3</sub>		Ca(NO <sub>3</sub> ) <sub>2</sub>
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-3	15	2	69	213	WM-189	1000	18											2130
H-3	15	2	69	214	WM-189	1027	18											2190
H-3	16	2	69	215	WM-189	1042	18											2280
H-3	17	2	69	216	WM-189	1009	18											2210
H-3	18	2	69	217	WM-189	1002	18											2240
H-3	19	2	69	218	WM-189	1000	18											2180
H-3	20	2	69	219	WM-189	1000	18											2180
H-3	21	2	69	220	WM-189	1000	18											2080
H-3	22	2	69	221	WM-189	850	18											1860
H-3	22	2	69	222	WM-189	1002	18											2120
H-3	23	2	69	223	WM-189	1000	18											2060
H-3	24	2	69	224	WM-189	1000	18											2060
H-3	25	2	69	225	WM-189	1022	18											2080
H-3	26	2	69	226	WM-189	1010	18											2130
H-3	26	2	69	227	WM-189	1001	18											2160
H-3	27	2	69	228	WM-189	1001	18											1990
H-3	28	2	69	229	WM-189	1021	18											2060
H-3	1	3	69	230	WM-189	1000	18											2090
H-3	2	3	69	231	WM-189	1000	18											2120
H-3	3	3	69	232	WM-189	1007	18											2080
H-3	4	3	69	233	WM-189	1028	18											2130
H-3	4	3	69	234	WM-189	1005	18											1970
H-3	5	3	69	235	WM-189	1023	18											2010
H-3	6	3	69	236	WM-189	1014	18											1920
H-3	7	3	69	237	WM-189	1021	18											1930
H-3	8	3	69	238	WM-189	981	18											1840
H-3	9	3	69	239	WM-189	1033	18											1930
H-3	9	3	69	240	WM-189	1007	18											1880
H-3	10	3	69	241	WM-189	1046	18											2010
H-3	11	3	69	242	WM-189	1000	18											1920
H-3	12	3	69	243	WM-189	1084	18											2040
H-3	12	3	69	244	WM-189	1000	18											1890
H-3	13	3	69	245	WM-189	1110	18											2100
H-3	14	3	69	246	WM-189	1034	18											1810
H-3	15	3	69	247	WM-189	1000	18											1840
H-3	16	3	69	248	WM-189	1000	18											1840
H-3	17	3	69	249	WM-189	1003	18											1810
H-3	17	3	69	250	WM-189	1015	18											1850
H-3	18	3	69	251	WM-189	650	18											810
H-3	27	3	69	DB	Dolomite Bed (approx. 83 cubic feet)							5810	92					
H-3	26	3	69	13	Cold									1200	1.6		3.4	
H-3	27	3	69	252	WM-189	1000	20											1820
H-3	28	3	69	253	WM-189	910	20											1620
H-3	29	3	69	254	WM-189	970	20											1710
H-3	30	3	69	255	WM-189	921	20											1550
H-3	30	3	69	256	WM-189	200	20											450
H-3	1	4	69	257	WM-189	310	20											130
H-3	1	4	69	259	WM-185	1496	19										4.2	60
H-3	2	4	69	260	WM-185	1440	19										4.0	60
H-3	2	4	69	261	WM-185	1448	19										4.1	130
H-3	3	4	69	262	WM-185	1200	19										3.4	130
H-3	4	4	69	263	WM-185	1200	19										3.4	130
H-3	5	4	69	264	WM-185	1212	19										3.4	130
H-3	5	4	69	265	WM-185	1205	19										3.4	130
H-3	6	4	69	266	WM-185	1425	19										4.0	130
H-3	7	4	69	267	WM-185	1400	19										3.9	130
H-3	7	4	69	268	WM-185	1400	19										3.9	130
H-3	8	4	69	269	WM-185	1400	19										3.9	130
H-3	9	4	69	270	WM-185	1400	19										3.9	130
H-3	10	4	69	271	WM-185	1380	19										3.9	130
H-3	10	4	69	272	WM-189	1000	20											1620
H-3	11	4	69	273	WM-189	1008	20											1620
H-3	12	4	69	274	WM-189	1000	20											1530
H-3	12	4	69	275	WM-189	1000	20											1540
H-3	13	4	69	276	WM-189	1018	20											1570
H-3	14	4	69	277	WM-189	1000	20											1400
H-3	14	4	69	278	WM-189	996	20											1560
H-3	15	4	69	279	WM-189	1000	20											1490

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF Camp.	Date			Feed Stream										Cold Chemicals				
				1				2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-3	16	4	69	280	WM-189	1002	20											1540
H-3	17	4	69	281	WM-189	1000	20											1470
H-3	17	4	69	282	WM-189	992	20											1480
H-3	18	4	69	283	WM-189	1003	20											1490
H-3	19	4	69	284	WM-189	1017	20											1520
H-3	19	4	69	285	WM-189	1000	20											1380
H-3	20	4	69	286	WM-189	995	20											1410
H-3	21	4	69	287	WM-189	1000	20											1450
H-3	22	4	69	288	WM-189	1040	20											1620
H-3	23	4	69	289	WM-189	1000	20											1490
H-3	23	4	69	290	WM-189	1007	20											1490
H-3	24	4	69	291	WM-189	1007	20											1540
H-3	25	4	69	292	WM-189	987	20											1510
H-3	26	4	69	293	WM-189	1000	20											1530
H-3	26	4	69	294	WM-189	1013	20											1600
H-3	27	4	69	295	WM-189	1005	20											1560
H-3	28	4	69	296	WM-189	1007	20											1570
H-3	29	4	69	297	WM-189	1020	20											1610
H-3	30	4	69	298	WM-189	1049	20											1580
H-3	30	4	69	299	WM-189	1025	20											1540
H-3	1	5	69	300	WM-189	1000	20											1470
H-3	2	5	69	301	WM-189	1007	20											1470
H-3	2	5	69	302	WM-189	1000	20											1560
H-3	3	5	69	303	WM-189	1007	20											1490
H-3	4	5	69	304	WM-189	1000	20											1460
H-3	5	5	69	305	WM-189	1014	20											1460
H-3	5	5	69	306	WM-189	1000	20											1460
H-3	6	5	69	307	WM-189	1002	20											1450
H-3	7	5	69	308	WM-189	1003	20											1450
H-3	8	5	69	309	WM-189	1000	20											1440
H-3	8	5	69	310	WM-189	1005	20											1450
H-3	9	5	69	311	WM-189	1006	20											1460
H-3	10	5	69	312	WM-189	1000	20											1450
H-3	11	5	69	313	WM-189	1000	20											1510
H-3	11	5	69	314	WM-189	1000	20											1510
H-3	12	5	69	315	WM-189	1024	20											1550
H-3	13	5	69	316	WM-189	1017	20											1500
H-3	14	5	69	317	WM-187	1000	21											1750
H-3	14	5	69	318	WM-187	1000	21											1640
H-3	15	5	69	319	WM-187	1023	21											1650
H-3	16	5	69	320	WM-189	1018	20											1650
H-3	16	5	69	321	WM-189	1000	20											1310
H-3	17	5	69	322	WM-189	1019	20											1490
H-3	18	5	69	323	WM-189	1003	20											1470
H-3	19	5	69	324	WM-189	1016	20											1490
H-3	19	5	69	325	WM-189	1000	20											1320
H-3	20	5	69	326	WM-189	1105	20											1620
H-3	21	5	69	327	WM-189	1114	20											1610
H-3	22	5	69	328	WM-189	1000	20											1440
H-3	22	5	69	329	WM-189	1000	20											1440
H-3	23	5	69	330	WM-189	1005	20											1450
H-3	24	5	69	331	WM-189	1000	20											1370
H-3	25	5	69	332	WM-189	1000	20											1430
H-3	25	5	69	333	WM-189	1007	20											1490
H-3	26	5	69	334	WM-189	1000	20											1470
H-3	27	5	69	335	WM-189	1102	20											1490
H-3	28	5	69	336	WM-189	1009	20											1470
H-3	28	5	69	337	WM-189	1005	20											1470
H-3	29	5	69	338	WM-189	1000	20											1460
H-3	30	5	69	339	WM-189	1000	20											1450
H-3	31	5	69	340	WM-189	1076	20											1550
H-3	31	5	69	341	WM-189	1100	20											1680
H-3	1	6	69	342	WM-189	1000	20											1530
H-3	2	6	69	343	WM-189	1010	20											1380
H-3	3	6	69	344	WM-189	1000	20											1370
H-4	25	5	70	In Bed Combustion Installed														
H-4	25	5	70	DB	Dolomite Bed (approx. 61 cubic feet)													
H-4	27	5	70	1	Cold							4260	92					
														1000	1.75		2.8	

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF Camp.	Date			Batch No.	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-4	28	5	70	2	Cold									1050	1.75		2.9	
H-4	28	5	70	3	Cold									749	1.75		2.1	
H-4	29	5	70	4	Cold									912	1.75		2.6	
H-4	31	5	70	5	Cold									877	1.75		2.5	
H-4	1	6	70	6	Cold									1029	1.75		2.9	
H-4	1	6	70	7	Cold									1258	1.75		3.5	
H-4	2	6	70	8	Cold									1294	1.75		3.6	
H-4	3	6	70	9	Cold									1457	1.75		4.1	
H-4	3	6	70	10	Cold									1148	1.75		3.2	
H-4	4	6	70	11	Cold									1181	1.75		3.3	
H-4	5	6	70	12	Cold									1240	1.75		3.5	
H-4	5	6	70	13	Cold									1132	1.75		3.2	
H-4	6	6	70	14	Cold									1150	1.75		3.2	
H-4	7	6	70	15	Cold									1121	1.75		3.1	
H-4	8	6	70	16	Cold									1211	1.75		3.4	
H-4	8	6	70	17	Cold									1248	1.75		3.5	
H-4	9	6	70	18	Cold									1182	1.75		3.3	
H-4	10	6	70	19	Cold									876	1.75		2.5	
H-4	11	6	70	20	Cold									1259	1.75		3.5	
H-4	12	6	70	21	Cold									1137	1.75		3.2	
H-4	14	6	70	22	Cold									1151	1.75		3.2	
H-4	15	6	70	23	Cold									1185	1.75		3.3	
H-4	16	6	70	24	Cold									1213	1.75		3.4	
H-4	17	6	70	25	Cold									955	1.75		2.7	
H-4	18	6	70	26	Cold									932	1.75		2.6	
H-4	8	7	70	DB	Dolomite Bed (approx. 61 cubic feet)						4260	92						
H-4	10	7	70	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92						
H-4	11	7	70	28	Cold									1102	1.75		3.1	
H-4	12	7	70	29	Cold									1089	1.75		3.1	
H-4	16	7	70	30	Cold									977	1.75		2.7	
H-4	17	7	70	31	Cold									1224	1.75		3.4	
H-4	17	7	70	32	Cold									630	1.75		1.8	
H-4	18	7	70	33	Cold									1448	1.75		4.1	
H-4	19	7	70	34	Cold									1173	1.75		3.3	
H-4	20	7	70	35	Cold									1220	1.75		3.4	
H-4	21	7	70	36	Cold									1196	1.75		3.4	
H-4	22	7	70	37	Cold									806	1.75		2.3	
H-4	23	7	70	38	Cold									1157	1.75		3.2	
H-4	23	7	70	39	Cold									1199	1.75		3.4	
H-4	29	7	70	40	Cold									1201	1.75		3.4	
H-4	30	7	70	41	Cold									1222	1.75		3.4	
H-4	31	7	70	42	Cold									1027	1.75		2.9	
H-4	31	7	70	43	Cold									1234	1.75		3.5	
H-4	1	8	70	44	Cold									1230	1.75		3.5	
H-4	2	8	70	45	Cold									1280	1.75		3.6	
H-4	3	8	70	46	Cold									353	1.75		1.0	
H-4	3	8	70	47	WM-189	1002	22											1990
H-4	4	8	70	48	WM-189	1016	22											1880
H-4	5	8	70	49	WM-189	1000	22											1290
H-4	5	8	70	50	WM-189	1002	22											1290
H-4	6	8	70	51	WM-189	1001	22											1220
H-4	7	8	70	52	WM-189	1000	22											1040
H-4	7	8	70	53	WM-187	1000	23											2050
H-4	8	8	70	54	WM-187	1000	23											2090
H-4	9	8	70	55	WM-187	990	23											1920
H-4	10	8	70	56	WM-187	1000	23											1880
H-4	11	8	70	57	WM-187	1000	23											2040
H-4	11	8	70	58	WM-187	1000	23											1950
H-4	12	8	70	59	WM-187	1001	23											2230
H-4	13	8	70	60	WM-187	1016	23											1840
H-4	14	8	70	61	WM-187	1047	23											2190
H-4	15	8	70	62	WM-187	1047	23											2280
H-4	16	8	70	63	WM-187	1029	23											2270
H-4	16	8	70	64	WM-187	1026	23											2370
H-4	17	8	70	65	WM-187	1031	23											2190
H-4	18	8	70	66	WM-187	1032	23											1820
H-4	19	8	70	67	WM-187	1007	23											2080
H-4	19	8	70	68	WM-187	1016	23											2020



Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

					Feed Stream									Cold Chemicals				
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-4	20	8	70	69	WM-187	1024	23											2020
H-4	21	8	70	70	WM-187	1000	23											2140
H-4	21	8	70	71	WM-187	1053	23											2000
H-4	22	8	70	72	WM-187	1024	23											1910
H-4	23	8	70	73	WM-187	1033	23											2140
H-4	24	8	70	74	WM-187	989	23											2120
H-4	25	8	70	75	WM-187	1002	23											2060
H-4	25	8	70	76	WM-187	1025	23											2230
H-4	26	8	70	77	WM-187	1028	23											1880
H-4	27	8	70	78	WM-187	1012	23											1740
H-4	28	8	70	79	WM-187	1013	23											1740
H-4	29	8	70	80	WM-187	1014	23											2000
H-4	29	8	70	81	WM-187	1045	23											1970
H-4	30	8	70	82	WM-187	930	23											1680
H-4	31	8	70	83	WM-187	1024	23											2040
H-4	1	9	70	84	WM-187	1008	23											1860
H-4	1	9	70	85	WM-187	999	23											1950
H-4	2	9	70	86	WM-187	1072	23											2160
H-4	3	9	70	87	WM-187	1028	23											2100
H-4	4	9	70	88	WM-187	996	23											2150
H-4	4	9	70	89	WM-187	1017	23											2400
H-4	5	9	70	90	WM-187	1008	23											2630
H-4	6	9	70	91	WM-187	1005	23											2060
H-4	7	9	70	92	WM-187	1027	23											1940
H-4	7	9	70	93	WM-187	1028	23											2220
H-4	8	9	70	94	WM-187	1000	23											2140
H-4	9	9	70	95	WM-187	1017	23											2120
H-4	10	9	70	96	WM-187	1027	23											2230
H-4	11	9	70	97	WM-187	1027	23											2080
H-4	11	9	70	98	WM-187	1018	23											2050
H-4	12	9	70	99	WM-187	1029	23											2030
H-4	13	9	70	100	WM-187	1000	23											2170
H-4	14	9	70	101	WM-187	1014	23											2250
H-4	14	9	70	102	WM-187	1014	23											2190
H-4	15	9	70	103	WM-187	1054	23											2260
H-4	16	9	70	104	WM-187	1002	23											2130
H-4	16	9	70	105	WM-187	1034	23											2100
H-4	17	9	70	106	WM-187	1001	23											2160
H-4	18	9	70	107	WM-183	1200	24										3.4	650
H-4	19	9	70	108	WM-183	1121	24										3.1	
H-4	19	9	70	109	WM-183	1250	24										3.5	
H-4	20	9	70	110	WM-183	1167	24										3.3	
H-4	20	9	70	111	WM-183	1252	24										3.5	
H-4	21	9	70	112	WM-183	1248	24										3.5	
H-4	22	9	70	113	WM-187	980	23											
H-4	23	9	70	114	WM-187	1002	23											2110
H-4	23	9	70	115	WM-187	1028	23											2150
H-4	24	9	70	116	WM-187	1012	23											1970
H-4	25	9	70	117	WM-187	1022	23											2270
H-4	26	9	70	118	WM-187	1002	23											2230
H-4	27	9	70	119	WM-187	1032	23											2280
H-4	27	9	70	120	WM-187	1006	23											2140
H-4	28	9	70	121	WM-187	1031	23											2260
H-4	29	9	70	122	WM-187	999	23											2190
H-4	30	9	70	123	WM-187	1012	23											2190
H-4	30	9	70	124	WM-187	1014	23											2150
H-4	1	10	70	125	WM-187	920	23											1950
H-4	2	10	70	126	WM-187	998	23											1970
H-4	3	10	70	127	WM-187	1044	23											2320
H-4	3	10	70	128	WM-187	990	23											2190
H-4	4	10	70	129	WM-187	1042	23											1970
H-4	5	10	70	130	WM-187	981	23											2080
H-4	5	10	70	131	WM-187	1004	23											2180
H-4	6	10	70	132	WM-187	1011	23											2190
H-4	6	10	70	133	WM-187	1002	23											2100
H-4	7	10	70	134	WM-187	1000	23											2090
H-4	8	10	70	135	WM-187	1040	23											2210
H-4	9	10	70	136	WM-187	1025	23											2130

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF Camp.	Date			Batch No.	Feed Stream												Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>			
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb			
H-4	9	10	70	137	WM-187	1000	23												2080		
H-4	10	10	70	138	WM-187	1009	23												2100		
H-4	10	10	70	139	WM-187	1026	23												2230		
H-4	11	10	70	140	WM-187	1014	23												2140		
H-4	11	10	70	141	WM-187	1024	23												2180		
H-4	12	10	70	142	WM-187	1003	23												2150		
H-4	13	10	70	143	WM-187	1032	23												2210		
H-4	13	10	70	144	WM-187	1028	23												2130		
H-4	14	10	70	145	WM-187	1042	23												2090		
H-4	15	10	70	146	WM-187	996	23												2060		
H-4	15	10	70	147	WM-187	1052	23												2000		
H-4	16	10	70	148	WM-187	1023	23												2290		
H-4	17	10	70	149	WM-187	1029	23												2120		
H-4	17	10	70	150	WM-187	1024	23												1860		
H-4	18	10	70	151	WM-187	1010	23												2100		
H-4	18	10	70	152	WM-187	1018	23												2100		
H-4	19	10	70	153	WM-187	1002	23												2000		
H-4	19	10	70	154	WM-187	1003	23												2040		
H-4	20	10	70	155	WM-187	1003	23												2110		
H-4	21	10	70	156	WM-187	973	23												2010		
H-4	21	10	70	157	WM-187	1021	23												2020		
H-4	22	10	70	158	WM-187	1019	23												2120		
H-4	22	10	70	159	WM-187	1063	23												2130		
H-4	23	10	70	160	WM-187	1003	23												1980		
H-4	24	10	70	161	WM-187	1026	23												2090		
H-4	24	10	70	162	WM-187	1013	23												2060		
H-4	25	10	70	163	WM-187	1189	23												2360		
H-4	26	10	70	164	WM-187	1012	23												1820		
H-4	26	10	70	165	WM-187	993	23												2120		
H-4	27	10	70	166	WM-187	1006	23												2010		
H-4	27	10	70	167	WM-187	1033	23												2060		
H-4	28	10	70	168	WM-187	1009	23												2040		
H-4	28	10	70	169	WM-187	1029	23												1880		
H-4	29	10	70	170	WM-187	1010	23												1970		
H-4	30	10	70	171	WM-187	1060	23												2080		
H-4	30	10	70	172	WM-187	1008	23												2120		
H-4	31	10	70	173	WM-187	1021	23												2170		
H-4	31	10	70	174	WM-187	996	23												2120		
H-4	1	11	70	175	WM-187	1028	23												2160		
H-4	2	11	70	176	WM-187	1012	23												2120		
H-4	2	11	70	177	WM-187	1002	23												2020		
H-4	3	11	70	178	WM-187	1014	23												2020		
H-4	3	11	70	179	WM-187	998	23												1990		
H-4	4	11	70	180	WM-187	1005	23												2050		
H-4	4	11	70	181	WM-187	1025	23												2060		
H-4	5	11	70	182	WM-187	978	23												1940		
H-4	6	11	70	183	WM-187	1028	23												2080		
H-4	6	11	70	184	WM-187	1001	23												1990		
H-4	7	11	70	185	WM-187	1017	23												2020		
H-4	7	11	70	186	WM-187	1026	23												2040		
H-4	8	11	70	187	WM-187	1017	23												2020		
H-4	8	11	70	188	WM-187	1014	23												2030		
H-4	9	11	70	189	WM-187	1013	23												2080		
H-4	10	11	70	190	WM-187	1002	23												1950		
H-4	10	11	70	191	WM-187	1019	23												2060		
H-4	11	11	70	192	WM-187	1004	23												2070		
H-4	11	11	70	193	WM-187	1021	23												1910		
H-4	12	11	70	194	WM-187	1007	23												2060		
H-4	13	11	70	195	WM-187	1001	23												2040		
H-4	13	11	70	196	WM-187	1011	23												2060		
H-4	14	11	70	197	WM-187	1004	23												1940		
H-4	14	11	70	198	WM-187	1004	23												2060		
H-4	15	11	70	199	WM-187	1021	23												1940		
H-4	16	11	70	200	WM-187	1010	23												2080		
H-4	16	11	70	201	WM-187	1021	23												1970		
H-4	17	11	70	202	WM-187	1001	23												2060		
H-4	17	11	70	203	WM-187	1025	23												2060		
H-4	18	11	70	204	WM-187	1021	23												1760		

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

Feed Stream														Cold Chemicals				
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-4	18	11	70	205	WM-187	1025	23											2000
H-4	19	11	70	206	WM-187	1021	23											1700
H-4	20	11	70	207	WM-187	1004	23											1860
H-4	20	11	70	208	WM-187	1021	23											2020
H-4	21	11	70	209	WM-187	998	23											1990
H-4	21	11	70	210	WM-187	1010	23											2140
H-4	22	11	70	211	WM-187	1025	23											2140
H-4	22	11	70	212	WM-187	1011	23											2110
H-4	23	11	70	213	WM-187	1024	23											2090
H-4	23	11	70	214	WM-187	997	23											1970
H-4	24	11	70	215	WM-187	1032	23											2080
H-4	24	11	70	216	WM-187	1007	23											2040
H-4	25	11	70	217	WM-187	1011	23											2010
H-4	25	11	70	218	WM-187	996	23											2060
H-4	26	11	70	219	WM-187	998	23											2080
H-4	27	11	70	220	WM-187	1004	23											2020
H-4	27	11	70	221	WM-187	1011	23											2100
H-4	28	11	70	222	WM-187	1022	23											2120
H-4	28	11	70	223	WM-187	1026	23											1910
H-4	29	11	70	224	WM-187	1000	23											1990
H-4	30	11	70	225	WM-187	1022	23											2040
H-4	30	11	70	226	WM-187	1001	23											1950
H-4	1	12	70	227	WM-187	1021	23											2410
H-4	1	12	70	228	WM-187	998	23											2020
H-4	2	12	70	229	WM-187	1001	23											2020
H-4	3	12	70	230	WM-187	1001	23											2040
H-4	3	12	70	231	WM-187	998	23											2040
H-4	4	12	70	232	WM-187	997	23											2110
H-4	5	12	70	233	WM-187	1021	23											2150
H-4	5	12	70	234	WM-187	882	23											1780
H-4	6	12	70	235	WM-187	920	23											1760
H-4	7	12	70	236	WM-187	1022	23											2070
H-4	7	12	70	237	WM-187	1019	23											2020
H-4	8	12	70	238	WM-187	1031	23											2060
H-4	8	12	70	239	WM-187	1021	23											1950
H-4	9	12	70	240	WM-187	1006	23											2010
H-4	10	12	70	241	WM-187	1001	23											2040
H-4	10	12	70	242	WM-187	1018	23											1800
H-4	11	12	70	243	WM-187	1001	23											2090
H-4	12	12	70	244	WM-187	1002	23											2090
H-4	12	12	70	245	WM-187	1021	23											2070
H-4	13	12	70	246	WM-187	990	23											2100
H-4	14	12	70	247	WM-187	1021	23											2110
H-4	14	12	70	248	WM-187	1021	23											2120
H-4	15	12	70	249	WM-187	997	23											2020
H-4	16	12	70	250	WM-187	1000	23											2000
H-4	16	12	70	251	WM-187	1021	23											2040
H-4	17	12	70	252	WM-187	1005	23											1990
H-4	17	12	70	253	WM-187	998	23											2040
H-4	18	12	70	254	WM-187	1022	23											2040
H-4	19	12	70	255	WM-187	996	23											1900
H-4	19	12	70	256	WM-187	998	23											1980
H-4	20	12	70	257	WM-187	1016	23											2030
H-4	20	12	70	258	WM-187	1000	23											2000
H-4	21	12	70	259	WM-187	1000	23											2050
H-4	22	12	70	260	WM-187	1000	23											2110
H-4	22	12	70	261	WM-187	1024	23											2140
H-4	23	12	70	262	WM-187	1044	23											2230
H-4	23	12	70	263	WM-187	1005	23											2150
H-4	24	12	70	264	WM-187	1033	23											2100
H-4	25	12	70	265	WM-187	1047	23											2140
H-4	25	12	70	266	WM-187	1011	23											2060
H-4	25	12	70	267	WM-187	1022	23											2160
H-4	26	12	70	268	WM-187	1014	23											2140
H-4	27	12	70	269	WM-187	1002	23											1910
H-4	28	12	70	270	WM-187	989	23											2140
H-4	28	12	70	271	WM-187	998	23											1890
H-4	29	12	70	272	WM-187	1021	23											2020

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF	Date			Batch	Feed Stream												Cold Chemicals			
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub> · H <sub>3</sub> BO <sub>3</sub>		Ca(NO <sub>3</sub> ) <sub>2</sub>		
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb		
H-4	29	12	70	273	WM-187	1035	23											2140		
H-4	30	12	70	274	WM-187	1001	23											2070		
H-4	31	12	70	275	WM-187	998	23											2060		
H-4	31	12	70	276	WM-187	1002	23											2150		
H-4	1	1	71	277	WM-187	983	23											2030		
H-4	1	1	71	278	WM-187	1002	23											1850		
H-4	2	1	71	279	WM-187	1012	23											1900		
H-4	2	1	71	280	WM-187	1023	23											2140		
H-4	3	1	71	281	WM-187	1038	23											2210		
H-4	4	1	71	282	WM-187	1063	23											2270		
H-4	4	1	71	283	WM-187	1013	23											2140		
H-5	8	9	71	DB	Dolomite Bed (approx. 61 cubic feet)								4260	92						
H-5	8	9	71	1	Cold									1205	1.62		2.8			
H-5	14	9	71	2	Cold									1205	1.62		2.8			
H-5	15	9	71	3	Cold									415	1.62		1.0			
H-5	15	9	71	4	Cold									1089	1.7		2.6			
H-5	16	9	71	5	Cold									957	1.7		2.3			
H-5	17	9	71	6	Cold									790	1.77		1.9			
H-5	18	9	71	7	Cold									959	1.77		2.3			
H-5	19	9	71	8	Cold									1056	1.77		2.5			
H-5	19	9	71	9	Cold									1050	1.76		2.5			
H-5	20	9	71	10	Cold									1090	1.76		48.4			
H-5	21	9	71	11	Cold									708	1.76		31.5			
H-5	21	9	71	12	Cold									630	1.76		28.0			
H-5	23	9	71	13	Cold									868	1.5		25.2			
H-5	23	9	71	1	WM-189	733	25											2350		
H-5	24	9	71	2	WM-189	895	25											3220		
H-5	24	9	71	3	WM-189	918	25											2630		
H-5	25	9	71	4	WM-189	970	25											3080		
H-5	26	9	71	5	WM-189	932	25											2750		
H-5	27	9	71	6	WM-189	960	25											3130		
H-5	27	9	71	7	WM-189	918	25											2830		
H-5	28	9	71	8	WM-189	900	25											2760		
H-5	29	9	71	9	WM-189	935	25											2800		
H-5	30	9	71	10	WM-189	956	25											3010		
H-5	1	10	71	11	WM-189	901	25											2820		
H-5	1	10	71	12	WM-189	914	25											2860		
H-5	2	10	71	13	WM-189	926	25											2970		
H-5	3	10	71	14	WM-189	952	25											2880		
H-5	3	10	71	15	WM-189	971	25											3130		
H-5	4	10	71	16	WM-189	900	25											2660		
H-5	4	10	71	17	WM-189	926	25											2660		
H-5	5	10	71	18	WM-189	948	25											2550		
H-5	6	10	71	19	WM-189	933	25											2740		
H-5	6	10	71	20	WM-189	929	25											3080		
H-5	7	10	71	21	WM-189	930	25											2880		
H-5	7	10	71	22	WM-189	947	25											2980		
H-5	8	10	71	23	WM-189	917	25											2950		
H-5	8	10	71	24	WM-189	904	25											2840		
H-5	9	10	71	25	WM-189	921	25											2790		
H-5	9	10	71	26	WM-189	915	25											3030		
H-5	10	10	71	27	WM-189	925	25											2870		
H-5	10	10	71	28	WM-189	908	25											2940		
H-5	11	10	71	29	WM-189	952	25											3030		
H-5	11	10	71	30	WM-189	901	25											2910		
H-5	12	10	71	31	WM-189	916	25											2660		
H-5	12	10	71	32	WM-189	903	25											2740		
H-5	13	10	71	33	WM-189	921	25											2740		
H-5	14	10	71	34	WM-189	922	25											2520		
H-5	14	10	71	35	WM-189	901	25											2870		
H-5	15	10	71	36	WM-189	926	25											2970		
H-5	15	10	71	37	WM-189	926	25											3030		
H-5	16	10	71	38	WM-189	918	25											2610		
H-5	16	10	71	39	WM-189	903	25											2950		
H-5	17	10	71	40	WM-189	900	25											2780		
H-5	17	10	71	41	WM-189	901	25											2710		
H-5	18	10	71	42	WM-189	900	25											2880		
H-5	18	10	71	43	WM-189	926	25											2950		

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF	Date			Batch	Feed Stream									Cold Chemicals					
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
	Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-5	18	10	71	44	WM-189	900	25												2950
H-5	19	10	71	45	WM-189	904	25												2950
H-5	19	10	71	46	WM-189	900	25												2930
H-5	20	10	71	47	WM-189	903	25												2910
H-5	20	10	71	48	WM-189	901	25												2830
H-5	21	10	71	49	WM-189	904	25												2760
H-5	21	10	71	50	WM-189	902	25												2750
H-5	22	10	71	51	WM-189	904	25												2800
H-5	22	10	71	52	WM-189	795	25												2530
H-5	23	10	71	53	WM-189	900	25												2840
H-5	23	10	71	54	WM-189	907	25												2860
H-5	23	10	71	55	WM-189	904	25												3020
H-5	24	10	71	56	WM-189	903	25												3080
H-5	24	10	71	57	WM-189	906	25												2990
H-5	24	10	71	58	WM-189	900	25												2840
H-5	25	10	71	59	WM-189	904	25												2920
H-5	25	10	71	60	WM-189	901	25												3100
H-5	26	10	71	61	WM-189	862	25												2790
H-5	26	10	71	62	WM-189	900	25												2930
H-5	27	10	71	63	WM-189	906	25												2980
H-5	27	10	71	64	WM-189	901	25												2880
H-5	28	10	71	65	WM-189	903	25												2500
H-5	28	10	71	66	WM-189	902	25												2870
H-5	29	10	71	67	WM-189	900	25												2820
H-5	29	10	71	68	WM-189	885	25												2860
H-5	29	10	71	69	WM-189	902	25												2870
H-5	30	10	71	70	WM-189	902	25												2950
H-5	30	10	71	71	WM-189	900	25												2180
H-5	31	10	71	72	WM-189	900	25												2660
H-5	31	10	71	73	WM-189	900	25												2840
H-5	1	11	71	74	WM-189	900	25												3020
H-5	1	11	71	75	WM-189	900	25												2880
H-5	2	11	71	76	WM-189	906	25												2990
H-5	2	11	71	77	WM-189	901	25												2640
H-5	2	11	71	78	WM-189	797	25												2510
H-5	3	11	71	79	WM-189	900	25												2800
H-5	3	11	71	80	WM-189	898	25												2800
H-5	4	11	71	81	WM-189	904	25												2740
H-5	4	11	71	82	WM-189	900	25												3150
H-5	5	11	71	83	WM-189	1098	25												3660
H-5	5	11	71	84	WM-189	900	25												2880
H-5	6	11	71	85	WM-189	902	25												2820
H-5	6	11	71	86	WM-189	903	25												3010
H-5	7	11	71	87	WM-189	900	25												2920
H-5	7	11	71	88	WM-189	940	25												3000
H-5	8	11	71	89	WM-189	902	25												2900
H-5	8	11	71	90	WM-189	900	25												2890
H-5	9	11	71	91	WM-189	900	25												2690
H-5	9	11	71	92	WM-189	874	25												2590
H-5	10	11	71	93	WM-189	902	25												2810
H-5	10	11	71	94	WM-189	904	25												2830
H-5	10	11	71	95	WM-189	910	25												2790
H-5	11	11	71	96	WM-189	908	25												3190
H-5	11	11	71	97	WM-189	900	25												2590
H-5	12	11	71	98	WM-189	908	25												2970
H-5	12	11	71	99	WM-189	904	25												2810
H-5	13	11	71	100	WM-189	900	25												2820
H-5	13	11	71	101	WM-189	900	25												3080
H-5	14	11	71	102	WM-189	900	25												2890
H-5	14	11	71	103	WM-189	900	25												2730
H-5	15	11	71	104	WM-189	900	25												2710
H-5	15	11	71	105	WM-189	900	25												2580
H-5	15	11	71	106	WM-189	900	25												2790
H-5	16	11	71	107	WM-189	900	25												2590
H-5	16	11	71	108	WM-189	900	25												2680
H-5	17	11	71	109	WM-189	903	25												2830
H-5	17	11	71	110	WM-189	900	25												2620
H-5	18	11	71	111	WM-189	900	25												3000

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF	Date			Batch	Feed Stream													Cold Chemicals			
	Camp.	d	mo		yr	No.	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
tank				gal			code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb			
H-5	18	11	71	112	WM-189	900	25												2710		
H-5	19	11	71	113	WM-189	900	25												3120		
H-5	19	11	71	114	WM-189	900	25												2790		
H-5	19	11	71	115	WM-189	903	25												2950		
H-5	20	11	71	116	WM-189	904	25												3000		
H-5	20	11	71	117	WM-189	901	25												2950		
H-5	21	11	71	118	WM-189	900	25												2750		
H-5	21	11	71	119	WM-189	900	25												2970		
H-5	22	11	71	120	WM-189	900	25												2520		
H-5	22	11	71	121	WM-189	900	25												3230		
H-5	23	11	71	122	WM-189	900	25												2790		
H-5	23	11	71	123	WM-189	905	25												2900		
H-5	23	11	71	124	WM-189	900	25												2450		
H-5	24	11	71	125	WM-189	906	25												2920		
H-5	24	11	71	126	WM-189	900	25												2910		
H-5	25	11	71	127	WM-189	900	25												2870		
H-5	25	11	71	128	WM-189	903	25												2840		
H-5	26	11	71	129	WM-189	900	25												2850		
H-5	26	11	71	130	WM-189	904	25												2970		
H-5	27	11	71	131	WM-189	907	25												2920		
H-5	27	11	71	132	WM-189	900	25												2790		
H-5	27	11	71	133	WM-189	903	25												2920		
H-5	28	11	71	134	WM-189	900	25												2920		
H-5	28	11	71	135	WM-189	901	25												2850		
H-5	29	11	71	136	WM-189	900	25												2880		
H-5	29	11	71	137	WM-189	903	25												2840		
H-5	30	11	71	138	WM-189	900	25												2870		
H-5	30	11	71	139	WM-189	901	25												2820		
H-5	1	12	71	140	WM-189	900	25												2770		
H-5	1	12	71	141	WM-189	900	25												2900		
H-5	1	12	71	142	WM-189	900	25												2890		
H-5	2	12	71	143	WM-189	900	25												2830		
H-5	2	12	71	144	WM-189	904	25												2770		
H-5	3	12	71	145	WM-189	900	25												2800		
H-5	3	12	71	146	WM-189	900	25												2800		
H-5	4	12	71	147	WM-189	900	25												2870		
H-5	4	12	71	148	WM-189	900	25												2910		
H-5	5	12	71	149	WM-189	901	25												2900		
H-5	5	12	71	150	WM-189	900	25												2810		
H-5	6	12	71	151	WM-189	900	25												3000		
H-5	6	12	71	152	WM-189	902	25												2650		
H-5	6	12	71	153	WM-189	900	25												3100		
H-5	7	12	71	154	WM-189	901	25												2810		
H-5	7	12	71	155	WM-189	900	25												2960		
H-5	8	12	71	156	WM-189	902	25												2920		
H-5	8	12	71	157	WM-189	900	25												2920		
H-5	9	12	71	158	WM-189	900	25												2920		
H-5	9	12	71	159	WM-189	900	25												2900		
H-5	10	12	71	160	WM-189	897	25												2910		
H-5	10	12	71	161	WM-189	900	25												2710		
H-5	11	12	71	162	WM-189	901	25												2940		
H-5	11	12	71	163	WM-189	900	25												2630		
H-5	12	12	71	164	WM-189	900	25												2750		
H-5	12	12	71	165	WM-189	900	25												2790		
H-5	12	12	71	166	WM-189	900	25												2790		
H-5	13	12	71	167	WM-189	900	25												2970		
H-5	13	12	71	168	WM-189	900	25												2830		
H-5	14	12	71	169	WM-189	900	25												3250		
H-5	14	12	71	170	WM-189	900	25												2950		
H-5	15	12	71	171	WM-189	903	25												2870		
H-5	15	12	71	172	WM-189	900	25												2730		
H-5	16	12	71	173	WM-189	900	25												2790		
H-5	16	12	71	174	WM-189	900	25												2850		
H-5	17	12	71	175	WM-189	900	25												2700		
H-5	17	12	71	176	WM-189	900	25												2740		
H-5	18	12	71	177	WM-189	900	25												2800		
H-5	18	12	71	178	WM-189	900	25												2820		
H-5	19	12	71	179	WM-189	900	25												2850		

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

WCF Camp	Date			Batch		Feed Stream												Cold Chemicals			
	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>				
H-5	19	12	71	180	WM-189	901	25											2820			
H-5	19	12	71	181	WM-189	901	25											2710			
H-5	20	12	71	182	WM-189	904	25											2770			
H-5	20	12	71	183	WM-189	903	25											2950			
H-5	21	12	71	184	WM-189	900	25											2900			
H-5	21	12	71	185	WM-189	903	25											2950			
H-5	22	12	71	186	WM-189	900	25											2890			
H-5	22	12	71	187	WM-189	900	25											3030			
H-5	23	12	71	188	WM-189	900	25											2880			
H-5	23	12	71	189	WM-189	900	25											2820			
H-5	24	12	71	190	WM-189	900	25											2800			
H-5	24	12	71	191	WM-189	900	25											2760			
H-5	24	12	71	192	WM-189	900	25											2720			
H-5	25	12	71	193	WM-189	910	25											2870			
H-5	25	12	71	194	WM-189	902	25											2860			
H-5	26	12	71	195	WM-189	900	25											2760			
H-5	26	12	71	196	WM-189	900	25											2660			
H-5	27	12	71	197	WM-189	901	25											2940			
H-5	27	12	71	198	WM-189	900	25											2550			
H-5	28	12	71	199	WM-189	900	25											2470			
H-5	28	12	71	200	WM-189	901	25											2350			
H-5	29	12	71	201	WM-189	903	25											2810			
H-5	29	12	71	202	WM-189	903	25											2840			
H-5	30	12	71	203	WM-189	900	25											2770			
H-5	30	12	71	204	WM-189	900	25											2840			
H-5	31	12	71	205	WM-189	900	25											2840			
H-5	31	12	71	206	WM-189	900	25											2810			
H-5	1	1	72	207	WM-189	900	25											2840			
H-5	1	1	72	208	WM-189	900	25											2860			
H-5	1	1	72	209	WM-189	900	25											2220			
H-5	2	1	72	210	WM-189	900	25											2650			
H-5	2	1	72	211	WM-189	900	25											2220			
H-5	3	1	72	212	WM-189	900	25											2920			
H-5	3	1	72	213	WM-189	900	25											2780			
H-5	22	1	72	DB	Dolomite Bed (approx. 17 cubic feet)							1162	92								
H-5	22	1	72	14	Cold									1058	2		3.0				
H-5	23	1	72	214	WM-189	900	25											2680			
H-5	24	1	72	215	WM-189	920	25											2920			
H-5	25	1	72	216	WM-189	562	25											1720			
H-5	25	1	72	217	WM-189	894	25											2990			
H-5	25	1	72	218	WM-189	900	25											2590			
H-5	26	1	72	15	Cold									806	2		2.3				
H-5	28	1	72	DB	Dolomite Bed (approx. 17 cubic feet)							1162	92								
H-5	28	1	72	16	Cold									780	2		2.2				
H-5	28	1	72	219	WM-183	1080	26										5.3				
H-5	29	1	72	220	WM-183	1080	26										5.3				
H-5	29	1	72	221	WM-189	900	25											3320			
H-5	30	1	72	222	WM-189	901	25											3060			
H-5	31	1	72	223	WM-189	904	25											2430			
H-5	31	1	72	224	WM-189	902	25											2920			
H-5	1	2	72	225	WM-189	905	25											2640			
H-5	2	2	72	226	WM-189	900	25											3110			
H-5	2	2	72	227	WM-189	896	25											2700			
H-5	3	2	72	228	WM-189	896	25											3340			
H-5	3	2	72	229	WM-189	900	25											2460			
H-5	4	2	72	230	WM-189	900	25											3000			
H-5	5	2	72	231	WM-189	604	25											2140			
H-5	5	2	72	232	WM-189	951	25											3300			
H-5	6	2	72	233	WM-189	849	25											2790			
H-5	6	2	72	234	WM-189	896	25											3040			
H-5	7	2	72	235	WM-189	900	25											2910			
H-5	7	2	72	236	WM-189	900	25											2360			
H-5	8	2	72	237	WM-189	904	25											2820			
H-5	9	2	72	238	WM-189	900	25											2590			
H-5	9	2	72	239	WM-189	900	25											2820			
H-5	10	2	72	240	WM-189	900	25											2390			
H-5	10	2	72	241	WM-189	900	25											2910			
H-5	11	2	72	242	WM-189	900	25											2970			

Table A2. Calciner Feed to Calcined Solids Storage Facility II. (continued)

					Feed Stream									Cold Chemicals				
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	<i>M</i>	<i>M</i>	kg	lb
H-5	12	2	72	243	WM-189	703	25											2770
H-5	12	2	72	244	WM-189	900	25											2720
H-5	13	2	72	245	WM-189	900	25											2400
H-5	14	2	72	246	WM-189	900	25											2870
H-5	15	2	72	247	WM-189	917	25											2590
H-5	15	2	72	248	WM-189	903	25											2720
H-5	16	2	72	249	WM-189	900	25											2940



Table A3. Calciner Feed to Calcined Solids Storage Facility III.

								Feed Stream						Cold Chemicals					
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>2</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-5	16	2	72	250	WM-189	900	25											2560	
H-5	17	2	72	251	WM-189	900	25											2600	
H-5	17	2	72	252	WM-189	900	25											2740	
H-5	17	2	72	253	WM-189	900	25											2600	
H-5	18	2	72	254	WM-189	900	25											2790	
H-5	19	2	72	255	WM-189	900	25											2890	
H-5	19	2	72	256	WM-189	906	25											2660	
H-5	20	2	72	257	WM-189	900	25											2540	
H-5	20	2	72	258	WM-189	891	25											2430	
H-5	21	2	72	259	WM-189	900	25											2540	
H-5	21	2	72	260	WM-189	900	25											2640	
H-5	22	2	72	261	WM-189	900	25											2570	
H-5	22	3	72	DB	Dolomite Bed (approx. 61 cubic feet)							4260	92						
H-5	22	3	72	262	Cold									1248	1.44		3.6		
H-5	23	3	72	263	Cold									1519	1.44		4.4		
H-5	23	3	72	264	Cold									992	1.44		2.8		
H-5	24	3	72	265	Cold									1000	1.43		24.8		
H-5	25	3	72	266	Cold									1154	1.43		28.6		
H-5	25	3	72	267	Cold									790	1.43		19.6		
H-5	26	3	72	268	Cold									795	1.62		4.6		
H-5	26	3	72	269	Cold									1005	1.62		5.9		
H-5	27	3	72	270	Cold									1221	1.57		3.5		
H-5	28	3	72	271	Cold									355	1.57		1.0		
H-5	28	3	72	272	Cold									1033	1.58		39.6		
H-5	28	3	72	273	WM-183	990	27										4.8		
H-5	28	3	72	274	Cold									886	1.58		34.0		
H-5	29	3	72	275	WM-183	1002	27										4.8		
H-5	29	3	72	276	WM-183	1085	27										5.2		
H-5	29	3	72	277	WM-183	1076	27										5.2		
H-5	30	3	72	278	WM-183	1035	27										5.0		
H-5	30	3	72	279	WM-183	1099	27										5.3		
H-5	31	3	72	280	WM-183	993	27										4.8		
H-5	31	3	72	281	WM-183	1091	27										5.2		
H-5	1	4	72	282	WM-183	1167	27										5.6		
H-5	1	4	72	283	WM-183	1116	27										5.4		
H-5	2	4	72	284	WM-183	1070	27										5.1		
H-5	2	4	72	285	WM-183	1087	27										5.2		
H-5	3	4	72	286	WM-183	1019	27										4.9		
H-5	3	4	72	287	WM-183	1073	27										5.2		
H-5	4	4	72	288	WM-183	1160	27										5.6		
H-5	4	4	72	289	WM-183	1107	27										5.3		
H-5	5	4	72	290	WM-183	1174	27										5.6		
H-5	10	4	72	291	WM-183	1075	27										5.2		
H-5	10	4	72	292	WM-183	1133	27										5.4		
H-5	11	4	72	293	WM-183	1102	27										5.3		
H-5	12	4	72	294	WM-183	1108	27										5.3		
H-5	13	4	72	295	WM-183	1018	27										4.9		
H-5	14	4	72	296	WM-183	1103	27										5.3		
H-5	14	4	72	297	WM-183	1104	27										5.3		
H-5	15	4	72	298	WM-183	1085	27										5.2		
H-5	16	4	72	299	WM-183	1090	27										5.2		
H-5	17	4	72	300	WM-183	1167	27										5.6		
H-5	17	4	72	301	WM-183	1106	27										5.3		
H-5	18	4	72	302	WM-183	1042	27										5.0		
H-5	19	4	72	303	WM-183	1084	27										5.2		
H-5	19	4	72	304	WM-183	1076	27										5.2		
H-5	20	4	72	305	WM-183	1115	27										5.4		
H-5	21	4	72	306	WM-183	1086	27										5.2		
H-5	21	4	72	307	WM-183	1094	27										5.3		
H-5	22	4	72	308	WM-183	1083	27										5.2		
H-5	22	4	72	309	WM-183	1092	27										5.2		
H-5	23	4	72	310	WM-183	1115	27										5.4		
H-5	24	4	72	311	WM-183	1240	27										6.0		
H-5	24	4	72	312	WM-183	1086	27										5.2		
H-5	25	4	72	313	WM-183	1221	27										5.9		
H-5	26	4	72	314	WM-183	1110	27										5.3		
H-5	26	4	72	315	WM-183	1231	27										5.9		

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

				Feed Stream										Cold Chemicals				
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-5	27	4	72	316	WM-183	1075	27										5.2	
H-5	28	4	72	317	WM-183	1194	27										5.7	
H-5	28	4	72	318	WM-183	1100	27										5.3	
H-5	29	4	72	319	WM-183	1093	27										5.2	
H-5	29	4	72	320	WM-183	1080	27										5.2	
H-5	30	4	72	321	WM-183	1084	27										5.2	
H-5	1	5	72	322	WM-183	1085	27										5.2	
H-5	1	5	72	323	WM-183	1080	27										5.2	
H-5	2	5	72	324	WM-183	1147	27										5.5	
H-5	3	5	72	325	WM-106	1000	28							192	1.8		5.3	
H-5	3	5	72	326	WM-106	1000	28							208	1.8		2.7	
H-5	4	5	72	327	WM-106	978	28							318	1.8		5.3	
H-5	5	5	72	328	WM-106	1001	28							319	1.8		4.2	
H-5	5	5	72	CF	Cold									1090	1.8		5.3	
H-5	11	5	72	329	WM-106	877	28							316	1.8		5.8	
H-6	9	5	73	DB	Dolomite Bed (approx. 61 cubic feet)							4260	92					
H-6	9	5	73	1	Cold									1440	1.8		9.1	
H-6	12	5	73	DB	Dolomite Bed (approx. 33 cubic feet)							2323	92					
H-6	13	5	73	2	Cold									1324	1.8		9.1	
H-6	14	5	73	3	Cold									1018	1.8		9.1	
H-6	14	5	73	4	Cold									1139	1.8		9.1	
H-6	15	5	73	5	Cold									996	1.8		9.1	
H-6	15	5	73	6	Cold									1192	1.8		9.1	
H-6	18	5	73	7	Cold									1032	1.8		9.1	
H-6	18	5	73	8	Cold									660	1.8		9.1	
H-6	19	5	73	9	Cold									1409	1.8		9.1	
H-6	19	5	73	10	Cold									1268	1.8		9.1	
H-6	20	5	73	11	Cold									1443	1.8		9.1	
H-6	20	5	73	12	Cold									1414	1.8		9.1	
H-6	21	5	73	13	Cold									1388	1.8		9.1	
H-6	22	5	73	14	Cold									1396	1.8		9.1	
H-6	23	5	73	15	Cold									1419	1.8		9.1	
H-6	23	5	73	16	Cold									1158	1.8		9.1	
H-6	24	5	73	17	Cold									806	1.8		9.1	
H-6	25	5	73	18	Cold									941	1.8		9.1	
H-6	25	5	73	1	WM-189	1011	29											1490
H-6	26	5	73	2	WM-189	1004	29											1500
H-6	26	5	73	3	WM-189	1000	29											1390
H-6	27	5	73	4	WM-189	991	29											1040
H-6	28	5	73	5	WM-189	996	29											1540
H-6	28	5	73	6	WM-189	1000	29											2100
H-6	28	5	73	DB	Dolomite Bed (approx. 17 cubic feet)							1162	92					
H-6	29	5	73	7	WM-189	1000	29											2130
H-6	29	5	73	8	WM-189	1000	29											1600
H-6	30	5	73	9	WM-189	1000	29											1640
H-6	30	5	73	10	WM-188	1044	30											3000
H-6	31	5	73	11	WM-188	1006	30											2740
H-6	1	6	73	12	WM-188	1051	30											3620
H-6	2	6	73	13	WM-188	900	30											2930
H-6	2	6	73	14	WM-188	909	30											3230
H-6	3	6	73	15	WM-188	906	30											2350
H-6	5	6	73	19	Cold									3648	1.8		36.4	
H-6	6	6	73	16	WM-188	1021	30											3140
H-6	6	6	73	17	WM-188	984	30											2690
H-6	7	6	73	18	WM-188	998	30											3790
H-6	7	6	73	19	WM-188	900	30											2920
H-6	8	6	73	20	WM-188	996	30											3520
H-6	9	6	73	21	WM-188	1000	30											3020
H-6	9	6	73	22	WM-188	908	30											2690
H-6	10	6	73	23	WM-188	904	30											2570
H-6	10	6	73	24	WM-188	900	30											2950
H-6	11	6	73	25	WM-188	903	30											2550
H-6	11	6	73	26	WM-188	900	30											2740
H-6	12	6	73	27	WM-188	903	30											2550
H-6	12	6	73	28	WM-188	907	30											2630
H-6	13	6	73	29	WM-188	920	30											2800
H-6	13	6	73	30	WM-188	913	30											3280
H-6	13	6	73	31	WM-188	915	30											3150

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF	Date			Batch	Feed Stream									Gold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-6	14	6	73	32	WM-188	1053	30											4000
H-6	14	6	73	33	WM-188	915	30											3340
H-6	15	6	73	34	WM-188	919	30											3540
H-6	15	6	73	35	WM-188	900	30											3300
H-6	16	6	73	36	WM-188	900	30											3300
H-6	17	6	73	37	WM-188	900	30											3300
H-6	17	6	73	38	WM-188	904	30											2720
H-6	18	6	73	39	WM-188	903	30											2550
H-6	19	6	73	40	WM-188	900	30											2810
H-6	19	6	73	41	WM-188	902	30											2630
H-6	20	6	73	42	WM-188	900	30											3040
H-6	20	6	73	43	WM-188	900	30											2630
H-6	21	6	73	44	WM-188	699	30											2290
H-6	21	6	73	45	WM-188	900	30											2660
H-6	22	6	73	46	WM-188	700	30											2120
H-6	23	6	73	47	WM-188	803	30											1750
H-6	24	6	73	48	WM-188	738	30											2150
H-6	15	7	73	DB	Dolomite Bed (approx. 61 cubic feet)						4260	92						
H-6	15	7	73	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92						
H-6	16	7	73	20	Cold									1496	1.8		8.6	
H-6	17	7	73	21	Cold									1006	1.8		8.6	
H-6	17	7	73	22	Cold									744	1.8		8.6	
H-6	18	7	73	23	Cold									981	1.8		8.6	
H-6	19	7	73	24	Cold									994	1.8		8.6	
H-6	19	7	73	25	Cold									776	1.8		8.6	
H-6	20	7	73	48	WM-183	1023	31										9.1	
H-6	20	7	73	49	WM-183	1111	31										9.1	
H-6	21	7	73	50	WM-183	1023	31										9.1	
H-6	22	7	73	51	WM-183	1116	31										9.1	
H-6	22	7	73	52	WM-183	1084	31										9.1	
H-6	23	7	73	53	WM-183	1149	31										9.1	
H-6	24	7	73	54	WM-183	1007	31										9.1	
H-6	24	7	73	55	WM-183	1360	31										9.1	
H-6	25	7	73	56	WM-183	1111	31										9.1	
H-6	25	7	73	57	WM-183	1140	31										9.1	
H-6	26	7	73	58	WM-183	1106	31										9.1	
H-6	26	7	73	59	WM-183	1215	31										9.1	
H-6	27	7	73	60	WM-183	1245	31										9.1	
H-6	27	7	73	61	WM-183	1185	31										9.1	
H-6	27	7	73	62	WC-114	2858	31										9.1	
H-6	28	7	73	63	WM-183	1171	31										9.1	
H-6	29	7	73	64	WC-114	2721	31										9.1	
H-6	29	7	73	65	WM-183	1198	31										9.1	
H-6	29	7	73	66	WM-183	1218	31										9.1	
H-6	30	7	73	67	WM-183	1199	31										9.1	
H-6	30	7	73	68	WC-114	2763	31										9.1	
H-6	31	7	73	69	WM-183	1275	31										9.1	
H-6	1	8	73	70	WM-188	913	32											2780
H-6	1	8	73	71	WM-188	906	32											2430
H-6	2	8	73	72	WM-188	906	32											2650
H-6	2	8	73	73	WM-188	906	32											2680
H-6	3	8	73	74	WM-188	910	32											2740
H-6	4	8	73	75	WM-188	900	32											2540
H-6	4	8	73	76	WM-188	900	32											2750
H-6	5	8	73	77	WM-188	904	32											2720
H-6	5	8	73	78	WM-188	934	32											2870
H-6	6	8	73	79	WM-188	902	32											2840
H-6	6	8	73	80	WM-188	900	32											2990
H-6	7	8	73	81	WM-188	910	32											2840
H-6	8	8	73	82	WM-188	903	32											2650
H-6	8	8	73	83	WM-188	942	32											3050
H-6	9	8	73	84	WM-188	907	32											2790
H-6	9	8	73	85	WM-188	921	32											2960
H-6	10	8	73	86	WM-188	902	32											2840
H-6	10	8	73	87	WM-188	921	32											2600
H-6	11	8	73	88	WM-188	909	32											2840
H-6	11	8	73	89	WM-188	910	32											2700
H-6	12	8	73	90	WM-188	856	32											2660

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF Camp.	Date			Batch No.	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Cat(NO <sub>3</sub> ) <sub>2</sub>
	d	mo	yr		tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-6	12	8	73	91	WM-188	908	32											2800
H-6	13	8	73	92	WM-188	916	32											2810
H-6	14	8	73	93	WM-188	895	32											2580
H-6	14	8	73	94	WM-188	915	32											2750
H-6	15	8	73	95	WM-188	839	32											2610
H-6	15	8	73	96	WM-188	919	32											2750
H-6	16	8	73	97	WM-188	902	32											2600
H-6	16	8	73	98	WM-188	919	32											2800
H-6	17	8	73	99	WM-188	908	32											2780
H-6	17	8	73	100	WM-188	911	32											2660
H-6	18	8	73	101	WM-188	900	32											2750
H-6	18	8	73	102	WM-188	910	32											2880
H-6	19	8	73	103	WM-188	900	32											2620
H-6	19	8	73	104	WM-188	935	32											2720
H-6	19	8	73	105	WM-188	903	32											2570
H-6	20	8	73	106	WM-188	902	32											2740
H-6	20	8	73	107	WM-188	900	32											2740
H-6	21	8	73	108	WM-188	902	32											2940
H-6	21	8	73	109	WM-188	906	32											2700
H-6	22	8	73	110	WM-188	919	32											2910
H-6	22	8	73	111	WM-188	948	32											2840
H-6	23	8	73	112	WM-188	960	32											2880
H-6	23	8	73	113	WM-188	898	32											3090
H-6	24	8	73	114	WM-188	919	32											2650
H-6	24	8	73	115	WM-188	902	32											2790
H-6	25	8	73	116	WM-188	924	32											2870
H-6	25	8	73	117	WM-188	909	32											2670
H-6	26	8	73	118	WM-188	912	32											2950
H-6	26	8	73	119	WM-188	904	32											3190
H-6	27	8	73	120	WM-188	900	32											3160
H-6	28	8	73	121	WM-188	913	32											2730
H-6	28	8	73	122	WM-188	891	32											3370
H-6	28	8	73	123	WM-188	904	32											2700
H-6	29	8	73	124	WM-188	886	32											2910
H-6	29	8	73	125	WM-189	1000	33											1890
H-6	30	8	73	126	WM-189	906	33											2000
H-6	30	8	73	127	WM-189	1002	33											1930
H-6	31	8	73	128	WM-189	1005	33											2210
H-6	31	8	73	129	WM-189	1014	33											2000
H-6	1	9	73	130	WM-189	963	33											2010
H-6	1	9	73	131	WM-189	1018	33											1970
H-6	2	9	73	132	WM-189	1000	33											1930
H-6	2	9	73	133	WM-189	1012	33											2120
H-6	3	9	73	134	WM-189	1000	33											1970
H-6	3	9	73	135	WM-189	1000	33											1920
H-6	4	9	73	136	WM-189	1000	33											1900
H-6	4	9	73	137	WM-189	1000	33											1830
H-6	4	9	73	138	WM-189	1000	33											2170
H-6	5	9	73	139	WM-189	1000	33											1880
H-6	5	9	73	140	WM-189	1051	33											2120
H-6	6	9	73	141	WM-189	1000	33											1830
H-6	6	9	73	142	WM-189	1000	33											2070
H-6	7	9	73	143	WM-189	1000	33											1960
H-6	7	9	73	144	WM-189	1000	33											1870
H-6	8	9	73	145	WM-189	968	33											1930
H-6	8	9	73	146	WM-189	1000	33											1810
H-6	9	9	73	147	WM-189	1000	33											1890
H-6	9	9	73	148	WM-189	1004	33											2090
H-6	10	9	73	149	WM-189	1005	33											2160
H-6	10	9	73	150	WM-189	1000	33											1840
H-6	11	9	73	151	WM-188	1014	32											2930
H-6	11	9	73	152	WM-188	919	32											2740
H-6	12	9	73	153	WM-188	907	32											2500
H-6	12	9	73	154	WM-188	919	32											2730
H-6	12	9	73	155	WM-188	958	32											2620
H-6	13	9	73	156	WM-188	1004	32											2930
H-6	13	9	73	157	WM-188	1000	32											3010
H-6	14	9	73	158	WM-188	1026	32											3230

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF	Date			Batch	Feed Stream												Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>			
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb			
H-6	15	9	73	159	WM-188	1040	32											2900			
H-6	15	9	73	160	WM-188	1030	32											2730			
H-6	16	9	73	161	WM-188	1011	32											2740			
H-6	13	10	73	DB	Dolomite Bed (approx. 61 cubic feet)							4260	92								
H-6	13	10	73	164	Cold									1098	1.8		9.1				
H-6	13	10	73	165	Cold									1255	1.8		9.1				
H-6	14	10	73	166	Cold									1123	1.8		9.1				
H-6	14	10	73	167	Cold									1441	1.8		9.1				
H-6	18	10	73	DB	Dolomite Bed (approx. 33 cubic feet)							2323	92								
H-6	19	10	73	169	Cold									1689	1.8		18.2				
H-6	20	10	73	170	Cold									1195	1.8		9.1				
H-6	21	10	73	171	Cold									1183	1.8		9.1				
H-6	21	10	73	172	Cold									1096	1.8		9.1				
H-6	22	10	73	173	Cold									1179	1.8		9.1				
H-6	23	10	73	174	Cold									416	1.8		9.1				
H-6	23	10	73	175	Cold									824	1.8		9.1				
H-6	24	10	73	176	Cold									636	1.8		9.1				
H-6	25	10	73	178	WM-188	999	32											3560			
H-6	26	10	73	179	WM-188	999	32											3160			
H-6	27	10	73	180	WM-188	1012	32											3770			
H-6	27	10	73	181	WM-188	1009	32											2730			
H-6	28	10	73	182	WM-188	902	32											2630			
H-6	28	10	73	183	WM-188	1007	32											3120			
H-6	29	10	73	184	WM-188	907	32											2700			
H-6	29	10	73	185	WM-188	1001	32											2870			
H-6	30	10	73	186	WM-188	1000	32											3180			
H-6	30	10	73	187	WM-188	1012	32											3070			
H-6	31	10	73	188	WM-188	1019	32											3280			
H-6	31	10	73	189	WM-188	1000	32											2690			
H-6	1	11	73	190	WM-188	995	32											3020			
H-6	1	11	73	191	WM-188	1001	32											2940			
H-6	2	11	73	192	WM-188	1004	32											3110			
H-6	2	11	73	193	WM-188	999	32											2880			
H-6	3	11	73	194	WM-188	1001	32											3230			
H-6	3	11	73	195	WM-188	1034	32											3230			
H-6	4	11	73	196	WM-188	1004	32											3150			
H-6	4	11	73	197	WM-188	991	32											3160			
H-6	5	11	73	198	WM-188	1001	32											3050			
H-6	5	11	73	199	WM-188	1000	32											2810			
H-6	6	11	73	200	WM-188	1004	32											3110			
H-6	6	11	73	201	WM-188	998	32											3100			
H-6	7	11	73	202	WM-188	999	32											3960			
H-6	7	11	73	203	WM-188	1000	32											3010			
H-6	8	11	73	204	WM-188	1004	32											3160			
H-6	8	11	73	205	WM-188	1000	32											3010			
H-6	9	11	73	206	WM-188	1008	32											4040			
H-6	9	11	73	207	WM-188	999	32											3940			
H-6	10	11	73	208	WM-188	1000	32											3160			
H-6	10	11	73	209	WM-188	1003	32											3050			
H-6	11	11	73	210	WM-188	1000	32											3210			
H-6	12	11	73	211	WM-188	1000	32											3150			
H-6	12	11	73	212	WM-188	1000	32											3020			
H-6	13	11	73	213	WM-189	1051	34											1860			
H-6	13	11	73	214	WM-189	1001	34											2020			
H-6	13	11	73	215	WM-189	1060	34											1900			
H-6	14	11	73	216	WM-188	1000	32											3130			
H-6	15	11	73	217	WM-188	999	32											2460			
H-6	15	11	73	218	WM-188	1001	32											2930			
H-6	15	11	73	219	WM-189	1040	34											1740			
H-6	16	11	73	220	WM-188	1000	32											3000			
H-6	17	11	73	221	WM-188	1000	32											2930			
H-6	17	11	73	222	WM-188	1006	32											3020			
H-6	18	11	73	223	WM-188	1004	32											3010			
H-6	18	11	73	224	WM-188	1004	32											3210			
H-6	19	11	73	225	WM-189	1049	35											2530			
H-6	19	11	73	226	WM-189	1031	35											2390			
H-6	19	11	73	227	WM-189	1017	35											2430			
H-6	20	11	73	228	WM-189	999	35											2440			

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

Feed Stream														Cold Chemicals						
WCF	Date			Batch				1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb		
H-6	21	11	73	229	WM-189	999	35											2620		
H-6	21	11	73	230	WM-189	1000	35											2540		
H-6	22	11	73	231	WM-189	1021	35											2430		
H-6	22	11	73	232	WM-189	1004	35											2410		
H-6	23	11	73	233	WM-189	1000	35											2320		
H-6	23	11	73	234	WM-189	1002	35											2530		
H-6	24	11	73	235	WM-189	1000	35											2460		
H-6	24	11	73	236	WM-189	1007	35											2410		
H-6	25	11	73	237	WM-189	1007	35											2400		
H-6	25	11	73	238	WM-189	1001	35											2430		
H-6	26	11	73	239	WM-189	1004	35											2300		
H-6	26	11	73	240	WM-189	991	35											2480		
H-6	27	11	73	241	WM-189	1000	35											2110		
H-6	27	11	73	242	WM-189	999	35											2650		
H-6	28	11	73	243	WM-189	1000	35											2270		
H-6	28	11	73	244	WM-189	1004	35											2490		
H-6	29	11	73	245	WM-189	1003	35											2450		
H-6	29	11	73	246	WM-189	1002	35											2460		
H-6	30	11	73	247	WM-189	1000	35											2160		
H-6	30	11	73	248	WM-189	1000	35											2180		
H-6	1	12	73	249	WM-189	1004	35											2450		
H-6	1	12	73	250	WM-189	1000	35											2300		
H-6	2	12	73	251	WM-189	1000	35											2540		
H-6	2	12	73	252	WM-189	1004	35											2190		
H-6	2	12	73	253	WM-189	1000	35											2460		
H-6	3	12	73	254	WM-189	1004	35													
H-6	6	12	73	DB	Dolomite Bed (approx. 17 cubic feet)										1162	92				
H-6	7	12	73	DB	Dolomite Bed (approx. 61 cubic feet)										4260	92				
H-6	7	12	73	DB	Dolomite Bed (approx. 17 cubic feet)										1162	92				
H-6	7	12	73	256	Cold										1409	1.8		9.1		
H-6	7	12	73	257	Cold										1100	1.8		9.1		
H-6	8	12	73	258	Cold										850	1.8		9.1		
H-6	9	12	73	259	Cold										614	1.8		9.1		
H-6	10	12	73	260	Cold										500	1.8		9.1		
H-6	12	12	73	256	WM-189	1000	35											1510		
H-6	13	12	73	257	WM-189	1004	35											2150		
H-6	13	12	73	258	WM-189	1004	35											2110		
H-6	14	12	73	259	WM-189	1000	35											4970		
H-6	15	12	73	260	WM-189	1179	35											2450		
H-6	15	12	73	261	WM-189	1000	35											2280		
H-6	16	12	73	262	WM-189	1000	35											2630		
H-6	17	12	73	263	WM-189	1017	35											2200		
H-6	17	12	73	264	WM-189	1000	35											2460		
H-6	18	12	73	265	WM-189	1000	35											2270		
H-6	18	12	73	266	WM-189	1000	35											2960		
H-6	19	12	73	267	WM-189	1000	35											2430		
H-6	19	12	73	268	WM-189	1000	35											2300		
H-6	20	12	73	269	WM-189	1006	35											2350		
H-6	20	12	73	270	WM-189	1009	35											2350		
H-6	20	12	73	271	WM-189	1004	35											2550		
H-6	22	12	73	272	WM-189	1008	35											2250		
H-6	22	12	73	273	WM-189	1000	35											2030		
H-6	23	12	73	274	WM-189	1000	35											2400		
H-6	23	12	73	275	WM-189	1154	35											2860		
H-6	24	12	73	276	WM-189	1018	35											2350		
H-6	24	12	73	277	WM-189	1162	35											2620		
H-6	25	12	73	278	WM-189	1154	35											2670		
H-6	26	12	73	279	WM-189	1150	35											2700		
H-6	26	12	73	280	WM-189	1150	35											2720		
H-6	27	12	73	281	WM-189	1156	35											2600		
H-6	27	12	73	282	WM-189	1158	35											2700		
H-6	28	12	73	283	WM-189	1154	35											2650		
H-6	29	12	73	284	WM-189	1158	35											2930		
H-6	30	12	73	285	WM-189	1158	35											2700		
H-6	30	12	73	286	WM-189	1106	35											4870		
H-6	31	12	73	287	WM-189	1150	35											4700		
H-6	31	12	73	288	WM-189	1042	35											5470		
H-6	1	1	74	289	WM-189	1125	35											4550		

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF	Date			Batch	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>2</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-6	2	1	74	290	WM-189	1156	35											2850
H-6	3	1	74	291	WM-189	1150	35											2700
H-6	4	1	74	292	WM-189	1150	35											3820
H-6	4	1	74	293	WM-189	1167	35											2710
H-6	6	1	74	294	WM-189	1171	35											2900
H-6	6	1	74	295	WM-189	1150	35											2600
H-6	7	1	74	296	WM-189	1154	35											2810
H-6	8	1	74	297	WM-189	1164	35											2600
H-6	8	1	74	298	WM-189	1150	35											2770
H-6	9	1	74	299	WM-189	1150	35											2530
H-6	10	1	74	300	WM-189	1171	35											2270
H-6	10	1	74	301	WM-189	1158	35											2650
H-6	11	1	74	302	WM-189	1158	35											2810
H-6	11	1	74	303	WM-189	1150	35											2650
H-6	12	1	74	304	WM-189	1154	35											2810
H-6	12	1	74	305	WM-189	1154	35											2500
H-6	13	1	74	306	WM-189	1150	35											2840
H-6	14	1	74	307	WM-189	1152	35											2590
H-6	14	1	74	308	WM-189	1150	35											2670
H-6	15	1	74	309	WM-189	1150	35											2580
H-6	15	1	74	310	WM-189	560	35											1250
H-6	16	1	74	311	WM-189	1152	35											2690
H-6	16	1	74	312	WM-189	1233	35	WM-106	170	36								2470
H-6	17	1	74	313	WM-189	1026	35	WM-106	168	36								2370
H-6	18	1	74	314	WM-189	1040	35	WM-106	175	36								2420
H-6	18	1	74	315	WM-189	1000	35	WM-106	225	36								2280
H-6	19	1	74	316	WM-189	1080	35	WM-106	160	36								2600
H-6	20	1	74	317	WM-189	1000	35	WM-106	150	36								2180
H-6	20	1	74	318	WM-189	987	35	WM-106	159	36								3000
H-6	21	1	74	319	WM-189	1004	35	WM-106	140	36								2180
H-6	22	1	74	320	WM-189	1004	35	WM-106	150	36								2300
H-6	22	1	74	321	WM-189	1000	35	WM-106	145	36								2230
H-6	23	1	74	322	WM-189	1004	35	WM-106	265	36								2360
H-6	24	1	74	323	WM-189	1092	35	WM-106	175	36								2290
H-6	24	1	74	324	WM-189	987	35	WM-106	125	36								2400
H-6	25	1	74	325	WM-189	1026	35	WM-106	150	36								2590
H-6	26	1	74	326	WM-189	1044	35	WM-106	150	36								2420
H-6	26	1	74	327	WM-189	1026	35	WM-106	176	36								2370
H-6	27	1	74	328	WM-189	1017	35	WM-106	181	36								2420
H-6	28	1	74	329	WM-189	1013	35	WM-106	177	36								2560
H-6	29	1	74	330	WM-189	1000	35	WM-106	189	36								2330
H-6	30	1	74	331	WM-189	1026	35	WM-106	150	36								2290
H-6	30	1	74	332	WM-189	1000	35	WM-106	150	36								2560
H-6	31	1	74	333	WM-189	1000	35	WM-106	120	36								2390
H-6	1	2	74	334	WM-189	1000	35	WM-106	225	36								2230
H-6	2	2	74	335	WM-189	996	35	WM-106	200	36								2440
H-6	2	2	74	336	WM-189	1009	35	WM-106	240	36								2440
H-6	3	2	74	337	WM-189	1066	35	WM-106	202	36								2350
H-6	4	2	74	338	WM-189	1000	35	WM-106	225	36								2280
H-6	5	2	74	339	WM-189	947	35	WM-106	212	36								2180
H-6	6	2	74	340	WM-189	971	35	WM-106	75	36								2340
H-6	6	2	74	341	WM-183	1087	31										9.1	
H-6	7	2	74	342	WM-183	1362	31										9.1	
H-6	8	2	74	343	WM-183	1207	31										9.1	
H-6	25	3	74	DB	Dolomite Bed (approx. 61 cubic feet)						4260	92						
H-6	26	3	74	3	Cold									1020	1.8		9.1	
H-6	26	3	74	4	Cold									1658	1.8		9.1	
H-6	27	3	74	5	Cold									1026	1.8		9.1	
H-6	28	3	74	344	WM-183	1297	31										9.1	
H-6	29	3	74	345	WM-183	1365	31										9.1	
H-6	29	3	74	346	WM-183	1220	31										9.1	
H-6	30	3	74	347	WM-183	1304	31										9.1	
H-6	31	3	74	348	WM-183	1237	31										9.1	
H-6	1	4	74	349	WM-183	1318	31										9.1	
H-6	2	4	74	350	WM-183	1017	31										9.1	
H-6	3	4	74	351	WM-183	1254	31										9.1	
H-6	4	4	74	352	WM-183	995	31										9.1	
H-6	4	4	74	353	WM-183	1062	31										9.1	

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF	Date			Batch	Feed Stream												Cold Chemicals				
	Camp.	d	mo		yr	No.	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
						tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb		
H-6	5	4	74	354	WM-183		1210	31											9.1		
H-6	6	4	74	355	WM-183		1215	31											9.1		
H-6	7	4	74	356	WM-183		968	31											9.1		
H-6	8	4	74	357	WM-183		1253	31											9.1		
H-6	9	4	74	358	WM-183		1159	31											9.1		
H-6	10	4	74	359	WM-183		1380	31											9.1		
H-6	10	4	74	1	Cold										1275	1.8			9.1		
H-6	11	4	74	2	Cold										1263	1.8			9.1		
H-6	12	4	74	360	WM-183		1155	31											9.1		
H-6	13	4	74	361	WM-183		1205	31											9.1		
H-6	14	4	74	362	WM-183		1373	31											9.1		
H-6	15	4	74	363	WM-183		1656	31											9.1		
H-6	16	4	74	364	WM-183		1036	31											9.1		
H-6	17	4	74	365	WM-183		1220	31											9.1		
H-6	18	4	74	366	WM-183		1234	31											9.1		
H-6	19	4	74	367	WM-183		1207	31											9.1		
H-6	20	4	74	368	WM-183		1253	31											9.1		
H-6	21	4	74	369	WM-183		1260	31											9.1		
H-6	22	4	74	370	WM-183		1085	31											9.1		
H-6	23	4	74	371	WM-183		1264	31											9.1		
H-6	24	4	74	372	WM-183		1221	31											9.1		
H-6	25	4	74	373	WM-183		1183	31											9.1		
H-6	26	4	74	374	WM-183		1200	31											9.1		
H-6	27	4	74	375	WM-183		1200	31											9.1		
H-6	28	4	74	376	WM-183		1200	31											9.1		
H-6	29	4	74	377	WM-183		1214	31											9.1		
H-6	30	4	74	378	WM-183		838	31											9.1		
H-6	2	5	74	379	WM-183		1220	31											9.1		
H-6	4	5	74	380	WM-183		1226	31											9.1		
H-6	5	5	74	381	WM-183		1269	31											9.1		
H-6	6	5	74	382	WM-183		1203	31											9.1		
H-6	7	5	74	383	WM-183		850	31											9.1		
H-6	8	5	74	384	WM-183		1217	31											9.1		
H-7	29	5	75	DB	Dolomite Bed (approx. 61 cubic feet)								4260	92							
H-7	30	5	75	1C	Cold										875	1.9			2.0		
H-7	30	5	75	2C	Cold										1287	1.9			3.0		
H-7	30	5	75	3C	Cold										735	1.9			1.7		
H-7	31	5	75	4C	Cold										875	1.9			2.0		
H-7	31	5	75	5C	Cold										1180	1.9			2.8		
H-7	1	6	75	6C	Cold										1068	1.9			2.5		
H-7	1	6	75	7C	Cold										1390	1.9			3.3		
H-7	2	6	75	8C	Cold										1034	1.9			2.4		
H-7	2	6	75	9C	Cold										990	1.9			2.3		
H-7	3	6	75	10C	Cold										1047	1.9			2.4		
H-7	4	6	75	11C	Cold										971	1.9			2.3		
H-7	4	6	75	12C	Cold										1326	1.9			3.1		
H-7	6	6	75	13C	Cold										1000	1.9			2.3		
H-7	8	6	75	14C	Cold										849	1.9			2.0		
H-7	8	6	75	15C	Cold										1200	1.9			2.8		
H-7	8	6	75	1	WM-187		906	37											2593		
H-7	9	6	75	2	WM-187		1001	37											2865		
H-7	10	6	75	3	WM-187		992	37											2839		
H-7	11	6	75	4	WM-187		1000	37											2862		
H-7	11	6	75	5	WM-187		1001	37											2865		
H-7	12	6	75	6	WM-187		1017	37											2425		
H-7	13	6	75	7					WM-189	981	38								2386		
H-7	13	6	75	8					WM-189	1011	38								2459		
H-7	14	6	75	9					WM-189	949	38								2308		
H-7	14	6	75	10					WM-189	960	38								2335		
H-7	15	6	75	11					WM-189	1012	38								2462		
H-7	15	6	75	12					WM-189	1016	38								2471		
H-7	16	6	75	13					WM-189	1018	38								2476		
H-7	16	6	75	14					WM-189	1017	38								1940		
H-7	17	6	75	15					WM-189	1040	38								1984		
H-7	17	6	75	16					WM-189	1060	38								2022		
H-7	18	6	75	17	WM-187		1014	37											2466		
H-7	18	6	75	18	WM-187		1001	37											2435		
H-7	19	6	75	19	WM-187		1151	37											2800		



Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF	Date			Batch	Feed Stream												Cold Chemicals			
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>		
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb		
H-7	19	6	75	20	WM-187	998	37											2428		
H-7	20	6	75	21	WM-187	991	37											2411		
H-7	21	6	75	22	WM-187	1002	37											2437		
H-7	21	6	75	23	WM-187	991	37											2411		
H-7	22	6	75	24	WM-187	1034	37											2515		
H-7	22	6	75	25	WM-187	986	37											2398		
H-7	23	6	75	26	WM-187	940	37											2286		
H-7	23	6	75	27	WM-187	1008	37											2452		
H-7	24	6	75	28				WM-189	1025	38								2151		
H-7	24	6	75	29				WM-189	1022	38								2145		
H-7	25	6	75	30				WM-189	1010	38								2120		
H-7	26	6	75	31				WM-189	1013	38								2126		
H-7	26	6	75	32				WM-189	1056	38								2216		
H-7	27	6	75	33				WM-189	1004	38								2107		
H-7	27	6	75	34				WM-189	1040	38								2183		
H-7	28	6	75	35				WM-189	1008	38								2115		
H-7	29	6	75	36				WM-189	999	38								2001		
H-7	29	6	75	37				WM-189	1002	38								2007		
H-7	30	6	75	38				WM-189	1039	38								2081		
H-7	30	6	75	39				WM-189	1001	38								2005		
H-7	1	7	75	40	WM-187	1006	37											2447		
H-7	1	7	75	41				WM-189	1007	38								2017		
H-7	2	7	75	42				WM-189	1000	38								2146		
H-7	3	7	75	43				WM-189	1020	38								2189		
H-7	3	7	75	44				WM-189	1016	38								2181		
H-7	4	7	75	45	WM-187	990	37											2408		
H-7	4	7	75	46	WM-187	1104	37											2685		
H-7	5	7	75	47	WM-187	1000	37											2432		
H-7	5	7	75	48	WM-187	1025	37											2493		
H-7	6	7	75	49	WM-187	995	37											2420		
H-7	7	7	75	50	WM-187	926	37											2252		
H-7	7	7	75	51	WM-187	1005	37											2445		
H-7	8	7	75	52				WM-189	1037	38								2226		
H-7	8	7	75	53				WM-189	1010	38								2168		
H-7	9	7	75	54	WM-187	1011	37											2459		
H-7	9	7	75	55	WM-187	977	37											2376		
H-7	10	7	75	56	WM-187	1011	37											2459		
H-7	10	7	75	57	WM-187	994	37											2418		
H-7	11	7	75	58				WM-189	1023	38								2196		
H-7	11	7	75	59				WM-189	999	38								2144		
H-7	12	7	75	60	WM-187	1019	37											2479		
H-7	13	7	75	61	WM-187	995	37											2420		
H-7	13	7	75	62	WM-187	925	37											2250		
H-7	14	7	75	63	WM-187	1007	37											2449		
H-7	14	7	75	64				WM-189	1022	38								2193		
H-7	15	7	75	65				WM-189	1001	38								2148		
H-7	16	7	75	66	WM-187	1017	37											2474		
H-7	16	7	75	67	WM-187	1012	37											2462		
H-7	17	7	75	68	WM-187	1023	37											2488		
H-7	17	7	75	69	WM-187	977	37											2376		
H-7	18	7	75	70				WM-189	1013	38								2174		
H-7	18	7	75	71				WM-189	1010	38								2168		
H-7	19	7	75	72	WM-187	1040	37											2530		
H-7	19	7	75	73	WM-187	1012	37											2462		
H-7	20	7	75	74	WM-187	1050	37											2554		
H-7	20	7	75	75	WM-187	1002	37											2437		
H-7	21	7	75	76				WM-189	1063	38								2281		
H-7	21	7	75	77				WM-189	1018	38								2185		
H-7	22	7	75	78				WM-189	1045	38								2243		
H-7	22	7	75	79				WM-189	1026	38								2202		
H-7	23	7	75	80				WM-189	1036	38								2224		
H-7	23	7	75	81				WM-189	1018	38								2185		
H-7	24	7	75	82				WM-189	1040	38								2232		
H-7	24	7	75	83				WM-189	1013	38								2174		
H-7	24	7	75	84				WM-189	1040	38								2232		
H-7	25	7	75	85				WM-189	1007	38								2161		
H-7	26	7	75	86	WM-187	1041	37											2532		
H-7	27	7	75	87	WM-187	1005	37											2445		

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF Camp.	Date			Batch No.	Feed Stream									Cold Chemicals							
	d	mo	yr		1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>			
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb			
H-7	29	8	75	DB	Dolomite Bed (approx. 61 cubic feet)									4260	92						
H-7	30	8	75	88	Cold												1023	1.8		2.4	
H-7	21	9	75	DB	Dolomite Bed (approx. 61 cubic feet)									4260	92						
H-7	22	9	75	89	Cold												1269	1.8		3.0	
H-7	22	9	75	90	Cold												765	1.8		1.8	
H-7	23	9	75	DB	Dolomite Bed (approx. 17 cubic feet)									1162	92						
H-7	23	9	75	91	Cold												1500	1.8		3.5	
H-7	24	9	75	92	Cold												800	1.8		1.9	
H-7	25	9	75	93	Cold												807	1.8		1.9	
H-7	25	9	75	94	Cold												404	1.8		0.9	
H-7	26	9	75	95	Cold												558	1.8		1.3	
H-7	26	9	75	96	WM-187	1005	37												2397		
H-7	27	9	75	97	WM-187	1000	37												2385		
H-7	28	9	75	98	WM-187	1012	37												2413		
H-7	28	9	75	99	WM-187	982	37												2342		
H-7	29	9	75	100	WM-187	1000	37												2385		
H-7	30	9	75	101	WM-187	984	37												2347		
H-7	30	9	75	102	WM-187	1021	37												2435		
H-7	1	9	75	103	WM-187	1006	37												2399		
H-7	2	10	75	104	WM-187	1031	37												2459		
H-7	3	10	75	105	WM-187	1013	37												2416		
H-7	3	10	75	106	WM-187	1026	37												2447		
H-7	3	10	75	107	WM-187	1006	37												2399		
H-7	4	10	75	108	WM-187	980	37												2337		
H-7	4	10	75	109	WM-187	1006	37												2399		
H-7	5	10	75	110	WM-187	1042	37												2485		
H-7	6	10	75	111	WM-187	1006	37												2399		
H-7	6	10	75	112	WM-187	1400	37												3339		
H-7	7	10	75	113	WM-187	1420	37												3386		
H-7	7	10	75	114	WM-187	1415	37												3374		
H-7	8	10	75	115	WM-187	1389	37												3312		
H-7	8	10	75	116	WM-187	1420	37												3386		
H-7	10	10	75	117	WM-187	1390	37												3315		
H-7	11	10	75	118	WM-187	1383	37												3298		
H-7	12	10	75	119	WM-187	1437	37												3427		
H-7	13	10	75	120	WM-187	1397	37												3331		
H-7	13	10	75	121	WM-187	1460	37												3482		
H-7	14	10	75	122	WM-187	1352	37												3224		
H-7	15	10	75	123	WM-187	1398	37												3334		
H-7	15	10	75	124	WM-187	1384	37												3300		
H-7	16	10	75	125	WM-187	1426	37												3401		
H-7	17	10	75	126	WM-187	1394	37												3324		
H-7	22	10	75	CF	Cold												679	1.8		1.6	
H-7	23	10	75	127	WM-187	1325	37												3160		
H-7	23	10	75	128	WM-187	1373	37												3274		
H-7	24	10	75	129	WM-187	1024	37												2442		
H-7	25	10	75	130	WM-187	1046	37												2494		
H-7	25	10	75	131	WM-187	1022	37												2437		
H-7	26	10	75	132	WM-187	996	37												2375		
H-7	27	10	75	133	WM-187	1030	37												2456		
H-7	28	10	75	134	WM-187	1037	37												2473		
H-7	28	10	75	135	WM-187	1002	37												2389		
H-7	29	10	75	136	WM-187	1015	37												2420		
H-7	30	10	75	137	WM-187	1032	37												2461		
H-7	30	10	75	138	WM-187	1000	37												2385		
H-7	31	10	75	139	WM-187	1041	37												2483		
H-7	1	11	75	140	WM-187	1007	37												2401		
H-7	2	11	75	141	WM-187	1013	37												2416		
H-7	3	11	75	142	WM-187	996	37												2375		
H-7	3	11	75	143	WM-187	1018	37												2428		
H-7	4	11	75	144	WM-187	1007	37												2401		
H-7	5	11	75	145	WM-187	1038	37												2475		
H-7	6	11	75	146	WM-187	1002	37												2389		
H-7	7	11	75	147	WM-187	1007	37												2401		
H-7	7	11	75	148	WM-187	1004	37												2394		
H-7	8	11	75	149	WM-187	1026	37												2447		
H-7	10	11	75	150	WM-187	993	37												2368		
H-7	11	11	75	151	WM-187	1026	37												2447		

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF	Feed Stream							Cold Chemicals										
	Date			Batch		1		2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-7	12	11	75	152	WM-187	803	37											1915
H-7	13	11	75	153	WM-187	930	37											2218
H-7	13	11	75	154	WM-187	1004	37											2394
H-7	14	11	75	155	WM-187	1420	37											3386
H-7	15	11	75	156	WM-187	972	37											2318
H-7	16	11	75	157	WM-187	1003	37											2392
H-7	26	11	75	DB	Dolomite Bed (approx. 61 cubic feet)						4260	92						2339
H-7	26	11	75	158	WM-187	981	37											478
H-7	26	11	75	159	WM-187	200	37											
H-7	24	3	76	DB	Dolomite Bed (approx. 61 cubic feet)						4260	92						
H-7	25	3	76	CF	Cold								3700	1.8		8.6		
H-7	25	3	76	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92						
H-7	19	4	76	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92						
H-7	20	4	76	CF	Cold								19800	1.8		46.3		
H-7	21	4	76	160	WM-187	1000	39											2385
H-7	22	4	76	161	WM-187	969	39											2311
H-7	22	4	76	162	WM-187	998	39											2380
H-7	23	4	76	163	WM-187	1014	39											2418
H-7	24	4	76	164	WM-187	1041	39											2483
H-7	25	4	76	165	WM-187	1016	39											2423
H-7	25	4	76	166	WM-187	1037	39											2473
H-7	26	4	76	167	WM-187	1004	39											2394
H-7	27	4	76	168	WM-187	1012	39											2413
H-7	27	4	76	169	WM-187	1012	39											2413
H-7	27	4	76	170	WM-187	1012	39											2413
H-7	28	4	76	171	WM-187	1017	39											2425
H-7	29	4	76	172	WM-187	1012	39											2413
H-7	29	4	76	173	WM-187	1012	39											2413
H-7	30	4	76	174	WM-187	1012	39											2413
H-7	30	4	76	175	WM-187	1012	39											2413
H-7	1	5	76	176	WM-187	1012	39											2413
H-7	1	5	76	177	WM-187	1013	39											2416
H-7	2	5	76	178	WM-187	1030	39											2456
H-7	2	5	76	179	WM-187	1020	39											2432
H-7	3	5	76	180	WM-187	1013	39											2416
H-7	3	5	76	181	WM-187	1015	39											2420
H-7	4	5	76	182	WM-187	1011	39											2411
H-7	5	5	76	183	WM-187	1012	39											2413
H-7	5	5	76	184	WM-187	1009	39											2406
H-7	6	5	76	185	WM-187	1018	39											2428
H-7	6	5	76	186	WM-187	1017	39											2425
H-7	7	5	76	187	WM-187	1015	39											2420
H-7	7	5	76	188	WM-187	1006	39											2399
H-7	8	5	76	189	WM-187	1014	39											2418
H-7	9	5	76	190	WM-187	1021	39											2435
H-7	9	5	76	191	WM-187	1013	39											2416
H-7	10	5	76	192	WM-187	1026	39											2447
H-7	10	5	76	193	WM-187	1010	39											2409
H-7	11	5	76	194	WM-187	1013	39											2416
H-7	11	5	76	195	WM-187	1009	39											2406
H-7	12	5	76	196	WM-187	1013	39											2416
H-7	13	5	76	197	WM-187	1021	39											2435
H-7	13	5	76	198	WM-187	1011	39											2411
H-7	14	5	76	199	WM-187	1013	39											2416
H-7	15	5	76	200	WM-187	1010	39											2409
H-7	15	5	76	201	WM-187	1013	39											2416
H-7	16	5	76	202	WM-187	1013	39											2416
H-7	16	5	76	203	WM-187	1011	39											2411
H-7	17	5	76	204	WM-187	1013	39											2416
H-7	17	5	76	205	WM-187	1017	39											2425
H-7	18	5	76	206	WM-187	1013	39											2416
H-7	18	5	76	207	WM-187	1013	39											2416
H-7	19	5	76	208	WM-187	1013	39											2416
H-7	19	5	76	209	WM-187	1013	39											2416
H-7	19	5	76	210	WM-187	977	39											2330
H-7	20	5	76	211	WM-187	1012	39											2413
H-7	20	5	76	212	WM-187	1013	39											2416
H-7	21	5	76	213	WM-187	1021	39											2435

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF	Date			Batch	Feed Stream												Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>				
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb			
H-7	21	5	76	214	WM-187	1017	39											2425			
H-7	22	5	76	215	WM-187	1013	39											2416			
H-7	22	5	76	216	WM-187	1013	39											2416			
H-7	23	5	76	217	WM-187	1013	39											2416			
H-7	23	5	76	218	WM-187	1013	39											2416			
H-7	23	5	76	219	WM-187	1188	39											2833			
H-7	24	5	76	220	WM-187	1162	39											2771			
H-7	24	5	76	221	WM-187	1188	39											2833			
H-7	25	5	76	222	WM-187	1013	39											2416			
H-7	25	5	76	223	WM-187	1188	39											2833			
H-7	26	5	76	224	WM-187	1017	39											2425			
H-7	26	5	76	225	WM-187	1191	39											2840			
H-7	27	5	76	226	WM-187	1013	39											2416			
H-7	27	5	76	227	WM-187	1188	39											2833			
H-7	28	5	76	228	WM-187	1201	39											2864			
H-7	28	5	76	229	WM-187	1197	39											2855			
H-7	29	5	76	230	WM-187	1100	39											2623			
H-7	29	5	76	231	WM-187	1201	39											2864			
H-7	30	5	76	232	WM-187	1100	39											2623			
H-7	31	5	76	233	WM-187	1200	39											2862			
H-7	31	5	76	234	WM-187	1100	39											2623			
H-7	1	6	76	235	WM-187	1197	39											2855			
H-7	1	6	76	236	WM-187	1109	39											2645			
H-7	2	6	76	237	WM-187	1208	39											2881			
H-7	2	6	76	238	WM-187	1100	39											2623			
H-7	3	6	76	239	WM-187	1197	39											2855			
H-7	3	6	76	240	WM-187	1100	39											2623			
H-7	4	6	76	241	WM-187	1184	39											2824			
H-7	4	6	76	242	WM-187	1100	39											2623			
H-7	5	6	76	243	WM-187	1188	39											2833			
H-7	6	6	76	244	WM-187	1215	39											2897			
H-7	7	6	76	245	WM-187	1068	39											2547			
H-7	7	6	76	246	WM-187	1197	39											2855			
H-7	8	6	76	247	WM-187	1197	39											2855			
H-7	9	6	76	248	WM-187	1188	39											2833			
H-7	9	6	76	249	WM-187	1201	39											2864			
H-7	10	6	76	250	WM-187	1100	39											2623			
H-7	10	6	76	251	WM-187	1205	39											2874			
H-7	11	6	76	252	WM-187	1100	39											2623			
H-7	12	6	76	253	WM-187	1188	39											2833			
H-7	12	6	76	254	WM-187	1201	39											2864			
H-7	13	6	76	255	WM-187	1200	39											2862			
H-7	13	6	76	256	WM-187	1144	39											2728			
H-7	14	6	76	257	WM-187	805	39	WM-180	221	40								1920			
H-7	15	6	76	258	WM-187	1200	39											2862			
H-7	15	6	76	259	WM-187	807	39	WM-180	181	40								1924			
H-7	16	6	76	260	WM-187	800	39											1908			
H-7	17	6	76	261	WM-187	1012	39											2413			
H-7	17	6	76	262	WM-187	1000	39											2385			
H-7	18	6	76	263	WM-187	1000	39											2385			
H-7	18	6	76	264	WM-187	1199	39											2859			
H-7	19	6	76	265	WM-187	1201	39											2864			
H-7	19	6	76	266	WM-187	1193	39											2845			
H-7	20	6	76	267	WM-187	1206	39											2876			
H-7	20	6	76	268	WM-187	1215	39											2897			
H-7	21	6	76	269	WM-187	1188	39											2833			
H-7	22	6	76	270	WM-187	807	39	WM-180	205	40								2449			
H-7	22	6	76	271	WM-187	890	39	WM-180	246	40								2701			
H-7	23	6	76	272	WM-187	799	39	WM-180	218	40								2425			
H-7	23	6	76	273	WM-187	871	39	WM-180	252	40								2644			
H-7	24	6	76	274	WM-187	818	39	WM-180	200	40								2483			
H-7	24	6	76	275	WM-187	803	39	WM-180	188	40								2437			
H-7	25	6	76	276	WM-187	1206	39											2876			
H-7	26	6	76	277	WM-187	1201	39											2864			
H-7	26	6	76	278	WM-187	1200	39											2862			
H-7	27	6	76	279	WM-187	1200	39											2862			
H-7	27	6	76	280	WM-187	1200	39											2862			
H-7	28	6	76	281	WM-187	1200	39											2862			

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF	Feed Stream										Cold Chemicals							
	Date			Batch		1		2		3		Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>		H <sub>3</sub> BO <sub>3</sub>		Ca(NO <sub>3</sub> ) <sub>2</sub>
Can. p.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-7	28	6	76	282	WM-187	1200	39											2862
H-7	29	6	76	283	WM-187	1201	39											2864
H-7	30	6	76	284	WM-187	1206	39											2876
H-7	30	6	76	285	WM-187	1201	39											2864
H-7	1	7	76	286	WM-187	1206	39											2876
H-7	1	7	76	287	WM-187	1200	39											2862
H-7	2	7	76	288	WM-187	1200	39											2862
H-7	2	7	76	289	WM-187	1201	39											2864
H-7	3	7	76	290	WM-187	1201	39											2864
H-7	4	7	76	291	WM-187	1200	39											2862
H-7	4	7	76	292	WM-187	1201	39											2864
H-7	5	7	76	293	WM-187	1200	39											2862
H-7	5	7	76	294	WM-187	1201	39											2864
H-7	6	7	76	295	WM-187	1200	39											2862
H-7	6	7	76	296	WM-187	1197	39											2855
H-7	7	7	76	297	WM-187	1200	39											2862
H-7	8	7	76	298	WM-187	1200	39											2862
H-7	8	7	76	299	WM-187	1201	39											2864
H-7	9	7	76	300	WM-187	1200	39											2862
H-7	9	7	76	301	WM-187	1320	39											3148
H-7	10	7	76	302	WM-187	1203	39											2869
H-7	11	7	76	303	WM-187	1197	39											2855
H-7	11	7	76	304	WM-187	1203	39											2869
H-7	12	7	76	305	WM-187	1201	39											2864
H-7	12	7	76	306	WM-187	1257	39											2998
H-7	13	7	76	307	WM-187	1201	39											2864
H-7	13	7	76	308	WM-187	945	39											2254
H-7	14	7	76	309	WM-187	1200	39											2862
H-7	14	7	76	310	WM-187	1210	39											2886
H-7	15	7	76	311	WM-187	1201	39											2864
H-7	15	7	76	312	WM-187	1219	39											2907
H-7	16	7	76	313	WM-187	1201	39											2864
H-7	16	7	76	314	WM-187	1214	39											2895
H-7	17	7	76	315	WM-187	1197	39											2855
H-7	20	7	76	DB	Dolomite Bed (approx. 61 cubic feet)							4260	92					
H-7	21	7	76	CF	Cold									4800	1.7		11.2	
H-7	24	10	76	DB	Dolomite Bed (approx. 61 cubic feet)							4260	92					
H-7	24	10	76	DB	Dolomite Bed (approx. 17 cubic feet)							1162	92					
H-7	24	10	76	DB	Dolomite Bed (approx. 17 cubic feet)							1162	92					
H-7	1	12	76	CF	Cold									1200	1.7		2.8	
H-7	2	12	76	CF	Cold									1028	1.7		2.4	
H-7	3	12	76	CF	Cold									1447	1.7		3.4	
H-7	3	12	76	CF	Cold									1079	1.7		2.5	
H-7	4	12	76	316	WM-185	1016	41											3004
H-7	4	12	76	317	WM-185	1000	41											2957
H-7	5	12	76	318	WM-185	1021	41											3019
H-7	5	12	76	319	WM-185	1000	41											2957
H-7	6	12	76	320	WM-185	1017	41											3007
H-7	7	12	76	321	WM-185	1030	41											3046
H-7	7	12	76	322	WM-185	1012	41											2993
H-7	8	12	76	323	WM-185	1000	41											2957
H-7	9	12	76	324	WM-185	1008	41											2981
H-7	9	12	76	325	WM-185	1008	41											2981
H-7	10	12	76	326	WM-185	1056	41											3123
H-7	11	12	76	327	WM-185	1021	41											3019
H-7	11	12	76	328	WM-185	1003	41											2966
H-7	12	12	76	329	WM-185	1004	41											2969
H-7	12	12	76	330	WM-185	1000	41											2957
H-7	13	12	76	331	WM-185	1004	41											2969
H-7	13	12	76	332	WM-185	999	41											2954
H-7	14	12	76	333	WM-185	999	41											2954
H-7	14	12	76	334	WM-185	1038	41											3069
H-7	15	12	76	335	WM-185	1252	41											3702
H-7	16	12	76	336	WM-185	1207	41											3569
H-7	16	12	76	337	WM-185	1202	41											3554
H-7	17	12	76	338	WM-185	1099	41											3250
H-7	17	12	76	339	WM-185	1224	41											3619
H-7	18	12	76	340				WM-187	1216	42								3596

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF	Date			Batch	Feed Stream												Cold Chemicals			
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>		
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb		
H-7	19	12	76	341				WM-187	1232	42								3643		
H-7	20	12	76	342	WM-185	1034	41											3058		
H-7	21	12	76	343	WM-185	1030	41											3046		
H-7	21	12	76	344	WM-185	1016	41											3004		
H-7	22	12	76	345	WM-185	1000	41											2957		
H-7	26	12	76	346	WM-185	809	41											2392		
H-7	27	12	76	347	WM-185	915	41											2706		
H-7	28	12	76	348	WM-185	800	41											2366		
H-7	29	12	76	349	WM-185	800	41											2366		
H-7	30	12	76	350	WM-185	1022	41											3022		
H-7	30	12	76	351	WM-185	820	41											2425		
H-7	31	12	76	352	WM-185	818	41											2419		
H-7	1	1	77	353	WM-185	813	41											2404		
H-7	2	1	77	354	WM-185	813	41											2404		
H-7	2	1	77	355	WM-185	809	41											2392		
H-7	3	1	77	356	WM-185	1004	41											2969		
H-7	3	1	77	357	WM-185	805	41											2380		
H-7	4	1	77	358	WM-185	1055	41											3120		
H-7	5	1	77	359	WM-185	802	41											2372		
H-7	5	1	77	360	WM-185	1000	41											2957		
H-7	6	1	77	361	WM-185	912	41	WM-180	104	40								2697		
H-7	7	1	77	362	WM-185	921	41	WM-180	146	40								2723		
H-7	7	1	77	363	WM-185	965	41											2854		
H-7	8	1	77	364	WM-185	989	41	WM-180	145	40								2925		
H-7	9	1	77	365	WM-185	1198	41	WM-180	210	40								3543		
H-7	9	1	77	366	WM-185	1200	41	WM-180	83	40								3548		
H-7	10	1	77	367	WM-185	998	41	WM-180	108	40								2951		
H-7	11	1	77	368	WM-185	1060	41	WM-180	106	40								3134		
H-7	11	1	77	369	WM-185	1000	41	WM-180	173	40								2957		
H-7	12	1	77	370	WM-185	1004	41											2969		
H-7	13	1	77	371	WM-185	1008	41											2981		
H-7	14	1	77	372	WM-185	1078	41											3188		
H-7	15	1	77	373	WM-185	1012	41											2993		
H-7	16	1	77	374	WM-185	1194	41											3531		
H-7	16	1	77	375	WM-185	1220	41											3608		
H-7	17	1	77	376	WM-185	1004	41											2969		
H-7	18	1	77	377	WM-185	1006	41											4575		
H-7	19	1	77	378	WM-185	1000	41											2957		
H-7	19	1	77	379	WM-185	1216	41											3596		
H-7	20	1	77	380	WM-185	1216	41											3596		
H-7	21	1	77	381	WM-185	1198	41											3543		
H-7	23	1	77	CF	Cold									1000	1.9		2.3			
H-8	7	9	77	DB	Dolomite Bed (approx. 61 cubic feet)						4260	92								
H-8	8	9	77	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92								
H-8	8	9	77	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92								
H-8	10	9	77	CF	Cold									9999	1.9		23.4			
H-8	13	9	77	1	WM-185	1025	43											2967		
H-8	14	9	77	2	WM-185	1004	43											2903		
H-8	14	9	77	3	WM-185	1004	43											2903		
H-8	15	9	77	4	WM-185	960	43											2779		
H-8	16	9	77	5	WM-185	1046	43											3065		
H-8	16	9	77	6	WM-185	1014	43											2955		
H-8	18	9	77	7	WM-185	1019	43											2946		
H-8	18	9	77	8	WM-185	999	43											2920		
H-8	19	9	77	9	WM-185	995	43											2909		
H-8	19	9	77	10	WM-185	1017	43											2969		
H-8	20	9	77	11	WM-185	965	43											2779		
H-8	20	9	77	12	WM-185	991	43											2880		
H-8	21	9	77	13	WM-185	991	43											2854		
H-8	22	9	77	14	WM-185	1060	43											3053		
H-8	22	9	77	15	WM-185	1000	43											2895		
H-8	23	9	77	16	WM-185	1021	43											2938		
H-8	23	9	77	17	WM-185	1007	43											2987		
H-8	24	9	77	18	WM-185	1021	43											3115		
H-8	24	9	77	19	WM-185	1066	43											3070		
H-8	25	9	77	20	WM-185	1003	43											2889		
H-8	26	9	77	21	WM-185	1017	43											2930		
H-8	26	9	77	22	WM-185	974	43											2805		

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF	Date			Batch	Feed Stream																Cold Chemicals			
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>						
Camp	d	mo	yr	No	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb						
H-8	27	9	77	23	WM-185	1012	43											2915						
H-8	27	9	77	24	WM-185	1051	43											3027						
H-8	28	9	77	25	WM-185	1233	43											3551						
H-8	28	9	77	26	WM-185	1297	43											3735						
H-8	29	9	77	27	WM-185	1207	43											3476						
H-8	30	9	77	28	WM-185	1207	43											3476						
H-8	30	9	77	29	WM-185	1258	43											3623						
H-8	1	10	77	30	WM-185	1224	43											3525						
H-8	1	10	77	31	WM-185	1315	43											3787						
H-8	2	10	77	32	WM-185	1207	43											3476						
H-8	3	10	77	33	WM-185	1241	43											3574						
H-8	3	10	77	34	WM-185	1404	43											4043						
H-8	4	10	77	35	WM-185	1207	43											3476						
H-8	4	10	77	36	WM-185	1203	43											3465						
H-8	5	10	77	37	WM-185	1198	43											3450						
H-8	6	10	77	38	WM-185	1262	43											3634						
H-8	6	10	77	39	WM-185	1252	43											3605						
H-8	7	10	77	40	WM-185	1229	43											3540						
H-8	8	10	77	41	WM-185	1217	43											3505						
H-8	8	10	77	42	WM-185	1233	43											3551						
H-8	9	10	77	43	WM-185	1205	43											3456						
H-8	10	10	77	44	WM-185	1220	43											3456						
H-8	10	10	77	45	WM-185	1237	43											3563						
H-8	11	10	77	46	WM-185	1285	43											3701						
H-8	11	10	77	47	WM-185	1233	43											3551						
H-8	12	10	77	48	WM-185	1271	43											3660						
H-8	13	10	77	49	WM-185	1220	43											3514						
H-8	13	10	77	50	WM-185	1285	43											3701						
H-8	15	10	77	51	WM-185	1172	43											3376						
H-8	16	10	77	52	WM-185	1198	43											3450						
H-8	17	10	77	53	WM-185	1252	43											3606						
H-8	17	10	77	54	WM-185	1191	43											3433						
H-8	17	10	77	55	WM-185	1246	43											3589						
H-8	21	10	77	56	WM-185	1229	43											3539						
H-8	22	10	77	57	WM-185	1224	43											3525						
H-8	22	10	77	58	WM-185	1255	43											3615						
H-8	23	10	77	59	WM-185	1220	43											3514						
H-8	23	10	77	60	WM-185	1239	43											3568						
H-8	24	10	77	61	WM-185	1262	43											3634						
H-8	25	10	77	62	WM-185	1220	43											3514						
H-8	25	10	77	63	WM-185	1238	43											3565						
H-8	26	10	77	64	WM-185	1220	43											3514						
H-8	26	10	77	65	WM-185	1257	43											3620						
H-8	27	10	77	66	WM-185	1194	43											3456						
H-8	28	10	77	67	WM-185	1211	43											3488						
H-8	28	10	77	68	WM-185	1209	43											3482						
H-8	29	10	77	69	WM-185	1185	43											3413						
H-8	29	10	77	70	WM-185	1250	43											3600						
H-8	30	10	77	71	WM-185	1222	43											3519						
H-8	30	10	77	72	WM-185	1207	43											3476						
H-8	31	10	77	73	WM-185	1222	43											3519						
H-8	1	11	77	74	WM-185	1207	43											3476						
H-8	1	11	77	75	WM-185	1269	43											3654						
H-8	2	11	77	76	WM-185	1198	43											3450						
H-8	2	11	77	77	WM-185	1229	43											3540						
H-8	3	11	77	78	WM-185	1237	43											3563						
H-8	4	11	77	79	WM-185	1133	43											3263						
H-8	5	11	77	80	WM-185	1176	43											3387						
H-8	6	11	77	81	WM-185	1185	43											3413						
H-8	6	11	77	82	WM-185	1224	43											3741						
H-8	7	11	77	83	WM-185	1211	43											3489						
H-8	7	11	77	84	WM-185	1207	43											3485						
H-8	8	11	77	85	WM-185	1246	43											3589						
H-8	8	11	77	86	WM-185	1194	43											3439						
H-8	9	11	77	87	WM-185	1207	43											3476						
H-8	10	11	77	88	WM-185	1202	43											3462						
H-8	10	11	77	89	WM-185	1220	43											3514						
H-8	11	11	77	90	WM-185	1226	43											3531						

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF	Feed Stream												Cold Chemicals						
	Date			Batch		1		2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
	Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-8	11	11	77	91	WM-185	1207	43												3476
H-8	12	11	77	92	WM-185	1216	43												3502
H-8	12	11	77	93	WM-185	1194	43												3439
H-8	13	11	77	94	WM-185	1237	43												3562
H-8	14	11	77	95	WM-185	1202	43												3462
H-8	14	11	77	96	WM-185	1198	43												3451
H-8	15	11	77	97	WM-185	1236	43												3560
H-8	15	11	77	98	WM-185	1207	43												3476
H-8	16	11	77	99	WM-185	1233	43												3551
H-8	16	11	77	100	WM-185	1198	43												3451
H-8	17	11	77	101	WM-185	1207	43												3476
H-8	18	11	77	102	WM-185	1203	43												3465
H-8	18	11	77	103	WM-185	1207	43												3476
H-8	19	11	77	104	WM-185	1250	43												3600
H-8	19	11	77	105	WM-185	1190	43												3427
H-8	20	11	77	106	WM-185	1216	43												3502
H-8	20	11	77	107	WM-185	1215	43												3499
H-8	21	11	77	108	WM-185	1220	43												3514
H-8	21	11	77	109	WM-185	1255	43												3614
H-8	22	11	77	110	WM-185	1224	43												3525
H-8	22	11	77	111	WM-185	1229	43												3545
H-8	23	11	77	112	WM-185	1215	43												3499
H-8	24	11	77	113	WM-185	1200	43												3456
H-8	24	11	77	114	WM-185	1220	43												3514
H-8	25	11	77	115	WM-185	1207	43												3476
H-8	26	11	77	116	WM-185	1145	43												3296
H-8	27	11	77	117	WM-185	1232	43												3548
H-8	27	11	77	118	WM-185	991	43												2610
H-8	28	11	77	119	WM-185	994	43												2618
H-8	29	11	77	120	WM-185	1025	43												2699
H-8	29	11	77	121	WM-185	1009	43												2657
H-8	30	11	77	122	WM-185	1203	43												3456
H-8	30	11	77	123	WM-185	1021	43												2689
H-8	1	12	77	124	WM-185	1060	43												2791
H-8	2	12	77	125	WM-185	999	43												2631
H-8	2	12	77	126	WM-185	997	43												2626
H-8	3	12	77	127	WM-185	1030	43												2712
H-8	3	12	77	128	WM-185	1030	43												2712
H-8	4	12	77	129	WM-185	1043	43												2747
H-8	4	12	77	130	WM-185	1016	43												2676
H-8	5	12	77	131	WM-185	1008	43												2655
H-8	5	12	77	132	WM-185	1016	43												2676
H-8	6	12	77	133	WM-185	1055	43												3038
H-8	6	12	77	134	WM-185	1203	43												3465
H-8	7	12	77	135	WM-185	1072	43												3087
H-8	7	12	77	136	WM-185	1022	43												2691
H-8	8	12	77	137	WM-185	1021	43												2830
H-8	9	12	77	138	WM-185	918	43												2545
H-8	9	12	77	139	WM-185	956	43												2650
H-8	10	12	77	140	WM-185	1042	43												2888
H-8	10	12	77	141	WM-185	1060	43												2938
H-8	11	12	77	142	WM-185	1049	43												2908
H-8	11	12	77	143	WM-185	1081	43												2997
H-8	12	12	77	144	WM-185	1008	43												2794
H-8	13	12	77	145	WM-185	1047	43												2902
H-8	13	12	77	146	WM-185	1030	43												2855
H-8	14	12	77	147	WM-185	1034	43												2866
H-8	21	12	77	148	WM-185	1047	43												2902
H-8	22	12	77	149	WM-185	1008	43												2772
H-8	22	12	77	150	WM-185	1016	43												2816
H-8	23	12	77	151	WM-185	1008	43												2794
H-8	23	12	77	152	WM-185	995	43												2758
H-8	24	12	77	153	WM-185	1005	43												2786
H-8	25	12	77	154	WM-185	1008	43												2794
H-8	25	12	77	155	WM-185	1008	43												2794
H-8	26	12	77	156	WM-185	1009	43												2797
H-8	26	12	77	157	WM-185	1001	43												2775
H-8	27	12	77	158	WM-185	1008	43												2794



Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF Camp	Date			Batch No	tank	1		Feed Stream						Cold Chemicals				Ca(NO <sub>3</sub> ) <sub>2</sub> lb	
	d	mo	yr			gal	code	tank	gal	code	tank	gal	code	Al(NO <sub>3</sub> ) <sub>3</sub> gal	M	NaNO <sub>3</sub> M	H <sub>3</sub> BO <sub>3</sub> kg		
H-8	28	12	77	159	WM-185	1016	43												2816
H-8	28	12	77	160	WM-185	1025	43												2841
H-8	29	12	77	161	WM-185	1008	43												2794
H-8	29	12	77	162	WM-185	1025	43												2841
H-8	30	12	77	163	WM-185	1025	43												2841
H-8	30	12	77	164	WM-182	1007	44												2791
H-8	31	12	77	165	WM-185	999	43												2769
H-8	1	1	78	166	WM-185	1034	43												2866
H-8	1	1	78	167	WM-185	995	43												2758
H-8	2	1	78	168	WM-185	1000	43												2772
H-8	3	1	78	169	WM-185	1018	43												2822
H-8	3	1	78	170	WM-185	977	43												2708
H-8	4	1	78	171	WM-185	1023	43												2836
H-8	4	1	78	172	WM-185	991	43												2747
H-8	5	1	78	173	WM-185	982	43												2722
H-8	5	1	78	174	WM-185	1004	43												2783
H-8	6	1	78	175	WM-185	1017	43												2819
H-8	7	1	78	176	WM-185	1008	43												2794
H-8	7	1	78	177	WM-185	1004	43												2783
H-8	8	1	78	178	WM-185	1010	43												2800
H-8	8	1	78	179	WM-185	1025	43												2841
H-8	9	1	78	180	WM-185	1127	43												3124
H-8	13	1	78	181	WM-185	1063	43												2947
H-8	14	1	78	182	WM-185	1004	43												2783
H-8	14	1	78	183	WM-185	1021	43												2830
H-8	15	1	78	184	WM-185	1010	43												2805
H-8	15	1	78	185	WM-185	960	43												2661
H-8	16	1	78	186	WM-185	991	43												2747
H-8	16	1	78	187	WM-185	1019	43												2825
H-8	17	1	78	188	WM-185	1033	43												2863
H-8	18	1	78	189	WM-185	1043	43												2891
H-8	18	1	78	190	WM-185	887	43												2483
H-8	19	1	78	191	WM-185	1004	43												2783
H-8	20	1	78	192	WM-185	904	43												2506
H-8	20	1	78	193	WM-185	920	43												2550
H-8	21	1	78	194	WM-185	1004	43												2783
H-8	21	1	78	195	WM-185	1004	43												2783
H-8	22	1	78	196	WM-185	999	43												2769
H-8	22	1	78	197	WM-185	1012	43												2805
H-8	22	1	78	198	WM-185	1004	43												2783
H-8	23	1	78	199	WM-185	1006	43												2788
H-8	24	1	78	200	WM-185	1010	43												2800
H-8	24	1	78	201	WM-185	999	43												2769
H-8	25	1	78	202	WM-185	993	43												2753
H-8	26	1	78	203	WM-185	1016	43												2816
H-8	26	1	78	204	WM-185	1003	43												2780
H-8	27	1	78	205	WM-185	1081	43												2997
H-8	28	1	78	206	WM-185	1051	43												2913
H-8	29	1	78	207	WM-182	942	44												2611
H-8	30	1	78	208	WM-182	1194	44												3075
H-8	31	1	78	209	WM-182	1120	44												2884
H-8	1	2	78	210	WM-182	1203	44												3120
H-8	7	2	78	212	WM-182	1237	44												3185
H-8	7	2	78	DB	Dolomite Bed (approx. 7 cubic feet)							460	92						
H-8	8	2	78	213	WM-182	971	44												2480
H-8	8	2	78	214	WM-182	1135	44												3040
H-8	9	2	78	215	WM-182	1088	44												2800
H-8	10	2	78	216	WM-182	1033	44												2640
H-8	11	2	78	217	WM-182	1016	44												2640
H-8	12	2	78	218	WM-182	1224	44												3120
H-8	13	2	78	219	WM-182	1250	44												3200
H-8	14	2	78	220	WM-182	1024	44												2640
H-8	15	2	78	221	WM-182	999	44												2560
H-8	16	2	78	222	WM-182	1073	44												2720
H-8	17	2	78	223	WM-182	1103	44												2800
H-8	18	2	78	224	WM-182	1118	44												2880
H-8	19	2	78	225	WM-182	990	44												2560
H-8	19	2	78	226	WM-182	1199	44												3120

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

					Feed Stream							Cold Chemicals						
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-8	20	2	78	227	WM-182	1184	44											3040
H-8	21	2	78	228	WM-182	1260	44											3280
H-8	22	2	78	229	WM-182	1348	44											3440
H-8	24	2	78	230	WM-182	1216	44											3120
H-8	25	2	78	231	WM-182	1207	44											3120
H-8	26	2	78	232	WM-182	818	44											2640
H-8	27	2	78	233	WM-182	1173	44											3040
H-8	28	2	78	234	WM-182	1228	44											3120
H-8	28	2	78	235	WM-182	1177	44											3040
H-8	1	3	78	236	WM-182	806	44											2800
H-8	2	3	78	237	WM-182	1113	44											2880
H-8	27	3	78	FB	Fluorapatite Bed (approx. 122 cubic feet)							8525	93					
H-8	28	3	78	CFDB	Cold Feed + Dolomite Bed (approx. 55 cubic feet)							3870	92	6800	1.9		6.1	
H-8	3	4	78	238	WM-182	1037	46											2640
H-8	4	4	78	239	WM-182	1183	46											3120
H-8	5	4	78	240	WM-182	1007	46											2560
H-8	5	4	78	241	WM-182	1216	46											3120
H-8	6	4	78	242	WM-182	1028	46											2640
H-8	6	4	78	243	WM-182	1194	46											3040
H-8	7	4	78	244	WM-182	1037	46											2640
H-8	7	4	78	245	WM-182	1040	46											2640
H-8	8	4	78	246	WM-182	1062	46											2720
H-8	9	4	78	247	WM-182	1043	46											2640
H-8	9	4	78	248	WM-182	1194	46											3040
H-8	10	4	78	249	WM-182	1211	46											3120
H-8	10	4	78	250	WM-182	1194	46											3040
H-8	11	4	78	251	WM-182	1203	46											3120
H-8	11	4	78	252	WM-182	1199	46											3200
H-8	12	4	78	253	WM-182	1217	46											3280
H-8	13	4	78	254	WM-182	1189	46											3040
H-8	13	4	78	255	WM-182	1245	46											3200
H-8	14	4	78	256	WM-182	1229	46											3200
H-8	15	4	78	257	WM-182	1186	46											3040
H-8	15	4	78	258	WM-182	1194	46											3040
H-8	16	4	78	259	WM-182	1194	46											3040
H-8	17	4	78	260	WM-182	782	46	WM-180	263	45								2640
H-8	17	4	78	261	WM-182	794	46	WM-180	253	45								2640
H-8	18	4	78	262	WM-182	837	46	WM-180	270	45								2720
H-8	18	4	78	263	WM-182	835	46	WM-180	221	45								2720
H-8	19	4	78	264	WM-182	810	46	WM-180	233	45								2640
H-8	19	4	78	265	WM-182	801	46	WM-180	228	45								2640
H-8	20	4	78	266	WM-182	854	46	WM-180	246	45								2800
H-8	20	4	78	267	WM-182	799	46											2080
H-8	21	4	78	268	WM-182	845	46	WM-180	209	45								2800
H-8	22	4	78	269	WM-182	828	46	WM-180	237	45								2720
H-8	22	4	78	270	WM-182	803	46	WM-180	225	45								2640
H-8	23	4	78	271	WM-182	858	46	WM-180	244	45								2800
H-8	24	4	78	272	WM-182	797	46	WM-180	181	45								2640
H-8	24	4	78	273	WM-182	794	46	WM-180	208	45								2640
H-8	25	4	78	274	WM-182	820	46	WM-180	234	45								2720
H-8	25	4	78	275	WM-182	824	46	WM-180	209	45								2720
H-8	26	4	78	276	WM-182	803	46	WM-180	233	45								2640
H-8	14	5	78	277	WM-182	918	46	WM-180	263	45								2960
H-8	15	5	78	278	WM-182	917	46											2400
H-8	16	5	78	279	WM-182	1015	46											2640
H-8	17	5	78	280	WM-182	1019	46											2640
H-8	18	5	78	281	WM-182	799	46	WM-180	229	45								2640
H-8	19	5	78	282	WM-182	803	46	WM-180	234	45								2720
H-8	19	5	78	283	WM-182	818	46	WM-180	232	45								2800
H-8	20	5	78	284	WM-182	840	46	WM-180	244	45								2880
H-8	20	5	78	286	WM-182	799	46	WM-180	246	45								2800
H-8	21	5	78	286	WM-182	820	46	WM-180	220	45								2800
H-8	22	5	78	287	WM-182	824	46	WM-180	234	45								2800
H-8	22	5	78	288	WM-182	870	46	WM-180	210	45								2880
H-8	23	5	78	289	WM-182	822	46	WM-180	238	45								2800
H-8	23	5	78	290	WM-182	854	46	WM-180	242	45								2880
H-8	24	5	78	291	WM-182	842	46	WM-180	245	45								2960
H-8	24	5	78	292	WM-182	803	46	WM-180	225	45								2800

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF	Date			Batch			Feed Stream						Cold Chemicals					
							1		2		3		Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>		
Camp	d	mo	yr	No	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-8	25	5	78	293	WM-182	824	46	WM-180	225	45								2800
H-8	26	5	78	294	WM-182	809	46	WM-180	238	45								2800
H-8	26	5	78	295	WM-182	824	46	WM-180	263	45								2800
H-8	27	5	78	296	WM-182	852	46	WM-180	250	45								2960
H-8	28	5	78	297	WM-182	909	46	WM-180	260	45								3120
H-8	29	5	78	298	WM-182	845	46	WM-180	243	45								2880
H-8	30	5	78	299	WM-182	850	46	WM-180	246	45								2800
H-8	31	5	78	300	WM-182	860	46	WM-180	253	45								2800
H-8	31	5	78	301	WM-182	815	46	WM-180	235	45								2640
H-8	1	6	78	302	WM-182	816	46	WM-180	204	45								2640
H-8	2	6	78	303	WM-182	833	46	WM-180	237	45								2720
H-8	2	6	78	304	WM-182	828	46	WM-180	253	45								2720
H-8	3	6	78	305	WM-182	807	46	WM-180	234	45								2640
H-8	4	6	78	306	WM-182	811	46	WM-180	232	45								2640
H-8	4	6	78	307	WM-182	837	46	WM-180	234	45								2720
H-8	5	6	78	308	WM-182	862	46	WM-180	238	45								2800
H-8	5	6	78	309	WM-182	837	46	WM-180	253	45								2720
H-8	6	6	78	310	WM-182	871	46	WM-180	247	45								2880
H-8	7	6	78	311	WM-182	802	46	WM-180	226	45								2640
H-8	7	6	78	312	WM-182	850	46	WM-180	263	45								2800
H-8	8	6	78	313	WM-182	807	46	WM-180	253	45								2640
H-8	9	6	78	314	WM-182	839	46	WM-180	245	45								2720
H-8	9	6	78	315	WM-182	828	46	WM-180	239	45								2720
H-8	10	6	78	316	WM-182	798	46	WM-180	230	45								2640
H-8	11	6	78	317	WM-182	803	46	WM-180	229	45								2640
H-8	12	6	78	318	WM-182	794	46	WM-180	234	45								2640
H-8	12	6	78	319	WM-182	828	46	WM-180	256	45								2720
H-8	13	6	78	320	WM-182	811	46	WM-180	234	45								2640
H-8	13	6	78	321	WM-182	856	46	WM-180	231	45								2800
H-8	14	6	78	322	WM-182	845	46	WM-180	217	45								2720
H-8	15	6	78	323	WM-182	813	46	WM-180	228	45								2640
H-8	15	6	78	324	WM-182	792	46	WM-180	236	45								2640
H-8	16	6	78	325	WM-182	832	46	WM-180	238	45								2720
H-8	17	6	78	326	WM-182	858	46	WM-180	247	45								2800
H-8	17	6	78	327	WM-182	794	46	WM-180	235	45								2640
H-8	18	6	78	328	WM-182	820	46	WM-180	232	45								2640
H-8	19	6	78	329	WM-182	799	46	WM-180	223	45								2640
H-8	20	6	78	330	WM-182	799	46	WM-180	231	45								2640
H-8	20	6	78	331	WM-182	816	46	WM-180	233	45								2640
H-8	20	6	78	332	WM-182	790	46	WM-180	230	45								2560
H-8	21	6	78	333	WM-182	824	46	WM-180	236	45								2720
H-8	21	6	78	334	WM-182	793	46	WM-180	227	45								2560
H-8	22	6	78	335	WM-182	829	46	WM-180	245	45								2720
H-8	22	6	78	336	WM-182	786	46	WM-180	230	45								2560
H-8	23	6	78	337	WM-182	846	46	WM-180	264	45								2720
H-8	23	6	78	338	WM-182	791	46	WM-180	263	45								2640
H-8	24	6	78	339	WM-182	793	46	WM-180	232	45								2560
H-8	25	6	78	340	WM-182	836	46	WM-180	197	45								2640
H-8	26	6	78	341	WM-182	857	46	WM-180	253	45								2800
H-8	27	6	78	342	WM-182	836	46	WM-180	240	45								2720
H-8	27	6	78	343	WM-182	1239	46											3200
H-8	29	6	78	344	WM-182	1019	46											2640
H-8	29	6	78	345	WM-182	1226	46											3120
H-8	30	6	78	346	WM-182	1239	46											3200
H-8	1	7	78	347	WM-182	804	46	WM-180	225	45								3640
H-8	2	7	78	348	WM-182	870	46	WM-180	262	45								2880
H-8	3	7	78	349	WM-182	818	46	WM-180	236	45								2680
H-8	4	7	78	350	WM-182	810	46	WM-180	240	45								2640
H-8	5	7	78	351	WM-182	804	46	WM-180	262	45								2960
H-8	5	7	78	352	WM-182	829	46	WM-180	257	45								2720
H-8	6	7	78	353	WM-182	844	46	WM-180	241	45								2800
H-8	7	7	78	354	WM-182	802	46	WM-180	232	45								2640
H-8	8	7	78	355	WM-182	1000	46											2560
H-8	8	7	78	356	WM-182	1025	46											2640
H-8	9	7	78	357	WM-182	990	46											2560
H-8	9	7	78	358	WM-182	1019	46											2640
H-8	10	7	78	359	WM-182	1003	46	WM-180	309	45								3280
H-8	16	7	78	360	WM-182	810	46	WM-180	236	45								2640

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF	Date			Batch	Feed Stream												Cold Chemicals			
					1				2				3				Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb		
H-8	17	7	78	361	WM-182	861	46	WM-180	245	45								2800		
H-8	23	7	78	362	WM-182	1093	46											2800		
H-8	23	7	78	363	WM-182	964	46											2480		
H-8	24	7	78	364	WM-182	791	46	WM-180	227	45								2560		
H-8	25	7	78	365	WM-182	789	46	WM-180	234	45								2560		
H-8	26	7	78	366	WM-182	819	46	WM-180	234	45								2720		
H-8	26	7	78	367	WM-182	836	46	WM-180	236	45								2720		
H-8	27	7	78	368	WM-182	775	46	WM-180	225	45								2560		
H-8	28	7	78	369	WM-188	801	47	WM-180	228	45								2640		
H-8	29	7	78	370	WM-182	1020	46	WM-180	275	45								3360		
H-8	29	7	78	371	WM-182	806	46	WM-180	248	45								2640		
H-8	30	7	78	372	WM-182	810	46	WM-180	231	45								2640		
H-8	31	7	78	373	WM-182	805	46	WM-180	235	45								2640		
H-8	31	7	78	374	WM-182	810	46	WM-180	231	45								2640		
H-8	1	8	78	375	WM-189	920	48	WM-180	179	45								1840		
H-8	1	8	78	376	WM-182	825	46	WM-180	217	45								2720		
H-8	2	8	78	377	WM-182	806	46	WM-180	233	45								2640		
H-8	3	8	78	378	WM-182	797	46	WM-180	234	45								2640		
H-8	3	8	78	379				WM-180	234	45	WM-188	819	47					2640		
H-8	4	8	78	380	WM-182	789	46	WM-180	225	45								2560		
H-8	5	8	78	381	WM-182	836	46	WM-180	244	45								2720		
H-8	6	8	78	382	WM-182	806	46	WM-180	232	45								2640		
H-8	6	8	78	383				WM-180	238	45	WM-189	839	48					2040		
H-8	7	8	78	384	WM-182	797	46	WM-180	227	45								2640		
H-8	8	8	78	385	WM-182	806	46	WM-180	227	45								2640		
H-8	8	8	78	386	WM-182	832	46	WM-180	300	45								2880		
H-8	9	8	78	387	WM-182	1205	46											3120		
H-8	10	8	78	388	WM-182	1200	46											3120		
H-8	11	8	78	389	WM-182	1201	46											3120		
H-8	10	8	78	390	WM-182	784	46	WM-180	224	45								2560		
H-8	12	8	78	391	WM-182	805	46	WM-180	230	45								2640		
H-8	13	8	78	392	WM-182	829	46	WM-180	234	45								2720		
H-8	13	8	78	393	WM-182	793	46	WM-180	234	45								2640		
H-8	14	8	78	394	WM-182	827	46	WM-180	240	45								2720		
H-8	15	8	78	395	WM-182	808	46	WM-180	227	45								2640		
H-8	15	8	78	396	WM-182	793	46	WM-180	227	45								2560		
H-8	16	8	78	397	WM-182	823	46	WM-180	232	45								2720		
H-8	17	8	78	398	WM-182	795	46	WM-180	247	45								2640		
H-8	17	8	78	399	WM-182	802	46	WM-180	227	45								2640		
H-8	18	8	78	400	WM-182	797	46	WM-180	240	45								2640		
H-8	19	8	78	401	WM-182	870	46	WM-180	249	45								2880		
H-8	20	8	78	402	WM-182	827	46	WM-180	236	45								2720		
H-8	21	8	78	403	WM-182	823	46	WM-180	236	45								2720		
H-8	21	8	78	404	WM-182	801	46	WM-180	232	45								2640		
H-8	22	8	78	405	WM-182	791	46											2560		
H-8	23	8	78	406	WM-182	1003	46											2560		
H-8	23	8	78	407	WM-182	1209	46											3120		
H-8	24	8	78	408	WM-182	806	46	WM-180	225	45								2080		
H-8	25	8	78	409	WM-182	806	46	WM-180	231	45								2640		
H-8	26	8	78	410	WM-182	814	46	WM-180	232	45								2640		
H-8	27	8	78	411	WM-182	789	46	WM-180	227	45								2560		
H-8	28	8	78	412	WM-182	750	46	WM-180	309	45								3520		
H-8	29	8	78	413	WM-182	824	46	WM-180	239	45								2720		
H-8	30	8	78	414	WM-182	806	46	WM-180	236	45								2640		
H-8	30	8	78	415	WM-182	849	46	WM-180	248	45								3200		
H-8	31	8	78	416	WM-182	797	46	WM-180	437	45								3040		
H-8	1	9	78	417	WM-182	818	46	WM-180	426	45								3120		
H-8	2	9	78	418	WM-182	797	46	WM-180	410	45								2960		
H-8	2	9	78	419	WM-182	806	46	WM-180	236	45								2640		
H-8	3	9	78	420	WM-182	789	46	WM-180	240	45								2560		
H-8	4	9	78	421	WM-182	789	46	WM-180	219	45								2560		
H-8	5	9	78	422	WM-182	990	46											2560		
H-8	5	9	78	423	WM-182	1014	46											2560		
H-8	6	9	78	424	WM-182	1194	46											3040		
H-8	7	9	78	425	WM-182	784	46	WM-180	224	45								2560		
H-8	8	9	78	426	WM-182	810	46	WM-180	231	45								2640		
H-8	9	9	78	427	WM-182	825	46	WM-180	221	45								2720		
H-8	9	9	78	428	WM-182	845	46	WM-180	347	45								2960		

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF Camp	Date			Batch		Feed Stream									Cold Chemicals				
	d	mo	yr	No.	tank	1		2		3		Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>			
						gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-8	10	9	78	429	WM-182	850	46	WM-180	350	45								3040	
H-8	11	9	78	430	WM-182	850	46	WM-180	363	45								3040	
H-8	12	9	78	431	WM-182	847	46	WM-180	341	45								2960	
H-8	13	9	78	432	WM-182	850	46	WM-180	350	45								3040	
H-8	14	9	78	433	WM-182	887	46	WM-180	374	45								3120	
H-8	14	9	78	434	WM-182	639	46	WM-180	360	45								2480	
H-8	15	9	78	435	WM-182	660	46	WM-180	378	45								2640	
H-8	16	9	78	436	WM-182	548	46	WM-180	361	45								2240	
H-8	16	9	78	437	WM-182	850	46	WM-180	260	45								2800	
H-8	17	9	78	438	WM-182	896	46	WM-180	256	45								2960	
H-8	18	9	78	439	WM-182	840	46	WM-180	236	45								2720	
H-8	19	9	78	440	WM-182	1227	46											3200	
H-8	19	9	78	441	WM-182	1239	46											3200	
H-8	20	9	78	442	WM-182	810	46	WM-180	236	45								2720	
H-8	21	9	78	443	WM-182	770	46	WM-180	275	45								2480	
H-8	22	9	78	444	WM-182	770	46	WM-180	281	45								2640	
H-8	23	9	78	445	WM-182	1168	46	WM-180	466	45								4000	
H-8	24	9	78	446	WM-182	784	46	WM-180	297	45								2720	
H-8	24	9	78	447	WM-182	806	46	WM-180	308	45								2800	
H-8	25	9	78	448	WM-182	802	46	WM-180	317	45								2800	
H-8	26	9	78	449	WM-182	810	46	WM-180	335	45								2880	
H-8	27	9	78	450	WM-182	776	46	WM-180	356	45								2800	
H-8	28	9	78	451	WM-182	468	46	WM-180	230	45								1760	
H-8	28	9	78	452	WM-182	471	46	WM-180	223	45								1760	
H-9	8	6	79	FB	Fluorapatite Bed (approx. 66 cubic feet)						4650	93							
H-9	10	6	79	FB	Fluorapatite Bed (approx. 17 cubic feet)						1162	93							
H-9	11	6	79	CF	Cold								1200	1.9			3.4		
H-9	11	6	79	DB	Dolomite Bed (approx. 22 cubic feet)						1550	92							
H-9	11	6	79	DB	Dolomite Bed (approx. 4 cubic feet)						300	92							
H-9	11	6	79	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92							
H-9	11	6	79	CF	Cold								765	1.9			2.0		
H-9	12	6	79	DB	Dolomite Bed (approx. 4 cubic feet)						300	92							
H-9	12	6	79	CF	Cold								527	1.9			1.5		
H-9	12	6	79	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92							
H-9	12	6	79	CF	Cold								912	2			2.6		
H-9	13	6	79	CF	Cold								1260	2			3.5		
H-9	14	6	79	CF	Cold								720	1.8			2.0		
H-9	14	6	79	CF	Cold								670	1.8			1.9		
H-9	15	6	79	CF	Cold								463	1.8			1.3		
H-9	15	6	79	CF	Cold								500	1.8			1.4		
H-9	16	6	79	1	WM-182	367	49											640	
H-9	17	6	79	CF	Cold								680	1.7			1.9		
H-9	17	6	79	CF	Cold								520	1.7			1.5		
H-9	17	6	79	CF	Cold								395	1.8			1.1		
H-9	18	6	79	CF	Cold								640	1.8			1.8		
H-9	18	6	79	CF	Cold								875	1.8			2.5		
H-9	18	6	79	CF	Cold								110	1.8			0.3		
H-9	19	6	79	CF	Cold								985	1.8			2.8		
H-9	20	6	79	CF	Cold								920	1.8			2.6		
H-9	21	6	79	CF	Cold								944	1.8			2.6		
H-9	21	6	79	1	WM-182	600	49											1040	
H-9	21	6	79	2	WM-182	996	49											1700	
H-9	22	6	79	3	WM-182	996	49											1680	
H-9	22	6	79	4	WM-182	978	49											1680	
H-9	23	6	79	5	WM-182	1000	49											1680	
H-9	23	6	79	6	WM-182	1026	49											1760	
H-9	24	6	79	7	WM-182	1000	49											1680	
H-9	24	6	79	8	WM-182	1026	49											1760	
H-9	25	6	79	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92							
H-9	25	6	79	9	WM-182	1044	49											1760	
H-9	25	6	79	DB	Dolomite Bed (approx. 17 cubic feet)						1162	92							
H-9	26	6	79	10	WM-182	1268	49											2160	
H-9	26	6	79	DB	Dolomite Bed (approx. 11 cubic feet)						780	92							
H-9	27	6	79	11	WM-182	1268	49											2160	
H-9	27	6	79	DB	Dolomite Bed (approx. 11 cubic feet)						780	92							
H-9	27	6	79	12	WM-182	1022	49	WM-180	256	50								1360	
H-9	27	6	79	13	WM-182	1017	49	WM-180	225	50								1680	
H-9	28	6	79	DB	Dolomite Bed (approx. 6 cubic feet)						390	92							

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

					Feed Stream									Cold Chemicals					
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-9	29	6	79	14	WM-182	1018	49	WM-180	167	50								1680	
H-9	30	6	79	15	WM-182	1022	49	WM-180	172	50								1760	
H-9	1	7	79	DB	Dolomite Bed (approx. 17 cubic feet)							1162	92						
H-9	1	7	79	16	WM-182	1004	49	WM-180	261	50								1760	
H-9	2	7	79	DB	Dolomite Bed (approx. 17 cubic feet)							1162	92						
H-9	2	7	79	17	WM-182	1000	49	WM-180	283	50								1680	
H-9	15	7	79	DB	Dolomite Bed (approx. 72 cubic feet)							5030	92						
H-9	16	7	79	CF	Cold									1719	1.8		4.0		
H-9	16	7	79	DB	Dolomite Bed (approx. 17 cubic feet)							1162	92						
H-9	16	7	79	DB	Dolomite Bed (approx. 17 cubic feet)							1162	92						
H-9	18	7	79	CF	Cold									1375	1.8		3.2		
H-9	18	7	79	CF	Cold									1013	1.8		2.4		
H-9	19	7	79	CF	Cold									350	1.8		0.8		
H-9	19	7	79	CF	Cold									550	1.8		1.3		
H-9	19	7	79	CF	Cold									350	1.8		0.8		
H-9	19	7	79	CF	Cold									400	1.8		0.9		
H-9	21	7	79	18	WM-188	1016	51	WM-180	221	50								1760	
H-9	22	7	79	19	WM-188	904	51	WM-180	212	50								2160	
H-9	22	7	79	20	WM-188	952	51	WM-180	225	50								2240	
H-9	23	7	79	21	WM-188	952	51	WM-180	214	50								2232	
H-9	24	7	79	22	WM-188	987	51	WM-180	266	50								2320	
H-9	25	7	79	23	WM-188	1015	51	WM-180	273	50								2400	
H-9	26	7	79	24	WM-188	1000	51	WM-180	300	50								2400	
H-9	26	7	79	25	WM-188	956	51	WM-180	290	50								2240	
H-9	27	7	79	26	WM-188	1021	51	WM-180	285	50								2560	
H-9	28	7	79	27	WM-188	952	51	WM-180	253	50								2320	
H-9	28	7	79	28	WM-188	995	51	WM-180	283	50								2400	
H-9	29	7	79	29	WM-188	987	51	WM-180	353	50								2480	
H-9	30	7	79	30	WM-188	1000	51	WM-180	180	50								2400	
H-9	30	7	79	31	WM-188	1004	51	WM-180	223	50								2320	
H-9	31	7	79	32	WM-188	995	51	WM-180	288	50								2320	
H-9	1	8	79	33	WM-188	915	51	WM-180	211	50								2160	
H-9	1	8	79	34	WM-188	1091	51	WM-180	245	50								2560	
H-9	1	8	79	35	WM-188	1100	51	WM-180	223	50								2560	
H-9	2	8	79	36	WM-188	1006	51											2560	
H-9	3	8	79	37	WM-188	1192	51											2800	
H-9	4	8	79	38	WM-188	1196	51											2560	
H-9	5	8	79	39	WM-188	1209	51											2240	
H-9	6	8	79	40	WM-188	1122	51											2080	
H-9	6	8	79	41	WM-188	1240	51											2240	
H-9	7	8	79	42	WM-188	1200	51											2560	
H-9	8	8	79	43	WM-188	1218	51											2240	
H-9	8	8	79	44	WM-188	1017	51	WM-180	170	50								2400	
H-9	9	8	79	45	WM-188	1004	51	WM-180	168	50								2320	
H-9	9	8	79	46	WM-188	1008	51	WM-180	157	50								2320	
H-9	10	8	79	47	WM-188	1004	51	WM-180	170	50								2320	
H-9	11	8	79	48	WM-188	1021	51	WM-180	170	50								2400	
H-9	11	8	79	49	WM-188	1034	51	WM-180	175	50								2400	
H-9	12	8	79	50	WM-188	1000	51	WM-180	165	50								2320	
H-9	13	8	79	51	WM-188	1008	51	WM-180	166	50								2320	
H-9	13	8	79	52	WM-182	1050	49	WM-180	201	50								2080	
H-9	14	8	79	53	WM-182	996	49	WM-180	175	50								2000	
H-9	15	8	79	54	WM-182	1078	49	WM-180	214	50								2080	
H-9	16	8	79	55	WM-182	1036	49	WM-180	184	50								2080	
H-9	16	8	79	56	WM-182	1070	49	WM-180	189	50								2080	
H-9	17	8	79	57	WM-182	1202	49											2160	
H-9	17	8	79	58	WM-182	1193	49											2080	
H-9	19	8	79	59	WM-182	1184	49											2000	
H-9	20	8	79	60	WM-182	1215	49											2000	
H-9	21	8	79	61	WM-182	1220	49											2080	
H-9	21	8	79	62	WM-182	1200	49											2080	
H-9	22	8	79	63	WM-182	1211	49											2080	
H-9	23	8	79	64	WM-182	1198	49											2080	
H-9	25	8	79	65	WM-182	1200	49											2080	
H-9	26	8	79	66	WM-188	1213	51											2080	
H-9	26	8	79	67	WM-188	1200	51											2160	
H-9	27	8	79	68	WM-188	1200	51											2160	
H-9	28	8	79	69	WM-188	1213	51											2240	

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

					Feed Stream									Cold Chemicals				
WCF		Date		Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-9	29	8	79	70	WM-188	1220	51											2240
H-9	29	8	79	71	WM-182	1202	49											2080
H-9	30	8	79	72	WM-182	1041	49											1760
H-9	30	8	79	73	WM-182	1200	49											2080
H-9	31	8	79	74	WM-182	1225	49											2080
H-9	31	8	79	75	WM-182	1211	49											2080
H-9	1	9	79	76	WM-182	1220	49											2080
H-9	2	9	79	77	WM-182	1215	49											2080
H-9	2	9	79	78	WM-182	1216	49											2080
H-9	3	9	79	79	WM-182	1224	49											2080
H-9	4	9	79	80	WM-182	1072	49	WM-180	139	50								2320
H-9	4	9	79	81	WM-182	1077	49	WM-180	139	50								2320
H-9	5	9	79	82	WM-182	1193	49	WM-180	148	50								2560
H-9	5	9	79	83	WM-182	1063	49	WM-180	135	50								2320
H-9	6	9	79	84	WM-182	1081	49	WM-180	135	50								2320
H-9	6	9	79	85	WM-182	1086	49	WM-180	134	50								2320
H-9	7	9	79	86	WM-182	1001	49											2160
H-9	7	9	79	87	WM-182	1059	49	WM-180	137	50								2320
H-9	8	9	79	88	WM-182	1081	49	WM-180	135	50								2320
H-9	8	9	79	89	WM-182	1229	49	WM-180	143	50								2640
H-9	9	9	79	90	WM-182	1211	49	WM-180	156	50								2640
H-9	9	9	79	91	WM-182	1211	49	WM-180	148	50								2640
H-9	10	9	79	92	WM-182	1202	49	WM-180	157	50								2640
H-9	10	9	79	93	WM-182	1229	49	WM-180	152	50								2640
H-9	11	9	79	94	WM-182	1202	49	WM-180	148	50								2640
H-9	11	9	79	95	WM-182	1251	49	WM-180	105	50								2640
H-9	12	9	79	96	WM-182	1200	49	WM-180	158	50								2720
H-9	12	9	79	97	WM-182	1216	49	WM-180	152	50								2640
H-9	13	9	79	98	WM-182	1023	49	WM-180	132	50								2240
H-9	13	9	79	99	WM-182	1207	49	WM-180	156	50								2640
H-9	14	9	79	100	WM-182	1222	49	WM-180	157	50								2640
H-9	14	9	79	101	WM-182	1202	49	WM-180	152	50								2640
H-9	15	9	79	102	WM-182	1224	49	WM-180	153	50								2640
H-9	15	9	79	103	WM-182	1001	49	WM-180	123	50								2160
H-9	15	9	79	104	WM-182	1104	49	WM-180	138	50								2400
H-9	18	9	79	105	WM-182	1210	49	WM-180	151	50								2640
H-9	20	9	79	106	WM-182	1225	49	WM-180	152	50								2640
H-9	20	9	79	107	WM-182	1242	49	WM-180	159	50								2720
H-9	21	9	79	108	WM-182	1206	49	WM-180	157	50								2640
H-9	21	9	79	109	WM-189	1348	52	WM-180	180	50								2800
H-9	22	9	79	110	WM-189	1293	52	WM-180	159	50								2720
H-9	22	9	79	111	WM-189	1270	52	WM-180	146	50								2640
H-9	23	9	79	112	WM-189	1256	52	WM-180	114	50								2000
H-9	23	9	79	113	WM-189	1325	52	WM-180	166	50								2800
H-9	24	9	79	114	WM-189	1257	52	WM-180	154	50								2640
H-9	25	9	79	115	WM-189	1170	52	WM-180	122	50								2480
H-9	26	9	79	116	WM-182	1200	49	WM-180	125	50								2560
H-9	26	9	79	117	WM-182	1200	49	WM-180	150	50								2560
H-9	27	9	79	118	WM-182	1184	49	WM-180	152	50								2480
H-9	27	9	79	119	WM-182	1186	49	WM-180	155	50								2480
H-9	28	9	79	120	WM-182	1200	49	WM-180	154	50								2560
H-9	28	9	79	121	WM-182	1184	49	WM-180	148	50								2480
H-9	29	9	79	122	WM-182	1321	49	WM-180	168	50								2800
H-9	29	9	79	123	WM-182	1207	49	WM-180	150	50								2560
H-9	30	9	79	124	WM-182	1269	49	WM-180	164	50								2640
H-9	18	11	79	FB	Fluorapatite Bed (approx. 61 cubic feet)						4260	93						
H-9	18	11	79	CF	Cold									900	1.9		2.1	
H-9	18	11	79	FB	Fluorapatite Bed (approx. 11 cubic feet)						780	93						
H-9	18	11	79	CF	Cold									900	1.9		2.1	
H-9	19	11	79	FB	Fluorapatite Bed (approx. 11 cubic feet)						780	93						
H-9	19	11	79	CF	Cold									800	1.9		1.9	
H-9	19	11	79	CF	Cold									420	1.9		1.0	
H-9	19	11	79	FB	Fluorapatite Bed (approx. 11 cubic feet)						780	93						
H-9	20	11	79	CF	Cold									735	1.9		1.7	
H-9	20	11	79	FB	Fluorapatite Bed (approx. 11 cubic feet)						780	93						
H-9	20	11	79	CF	Cold									850	1.9		2.0	
H-9	20	11	79	FB	Fluorapatite Bed (approx. 11 cubic feet)						780	93						
H-9	20	11	79	CF	Cold									990	1.9		2.3	

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF					Feed Stream									Cold Chemicals					
Date		Batch			1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>2</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-9	21	11	79	CF	Cold									475	1.9		1.1		
H-9	21	11	79	FB	Fluorapatite Bed (approx. 11 cubic feet)								780	93					
H-9	21	11	79	CF	Cold									935	1.9		2.2		
H-9	21	11	79	CF	Cold									925	1.9		2.2		
H-9	22	11	79	CF	Cold									912	1.9		2.1		
H-9	27	11	79	CF	Cold									935	1.9		2.2		
H-9	29	11	79	CF	Cold									980	1.9		2.3		
H-9	1	12	79	CF	Cold									865	1.9		2.0		
H-9	2	12	79	125	WM-182	1014	49	WM-180	142	50								1840	
H-9	2	12	79	126	WM-182	1000	49	WM-180	99	50								1680	
H-9	3	12	79	127	WM-182	1014	49	WM-180	98	50								1760	
H-9	3	12	79	128	WM-182	1014	49	WM-180	103	50								1760	
H-9	4	12	79	129	WM-182	1005	49	WM-180	103	50								1680	
H-9	5	12	79	130	WM-182	1005	49	WM-180	103	50								1680	
H-9	5	12	79	131	WM-182	1000	49	WM-180	103	50								2640	
H-9	6	12	79	132	WM-182	1005	49	WM-180	125	50								2160	
H-9	7	12	79	133	WM-182	1003	49	WM-180	123	50								2160	
H-9	8	12	79	134	WM-182	1014	49	WM-180	130	50								2240	
H-9	9	12	79	135	WM-182	1012	49	WM-180	128	50								2200	
H-9	9	12	79	136	WM-182	1198	49	WM-180	169	50								2640	
H-9	10	12	79	137	WM-182	1153	49	WM-180	148	50								2480	
H-9	10	12	79	138	WM-182	1202	49	WM-180	148	50								2640	
H-9	11	12	79	139	WM-182	1202	49	WM-180	157	50								2640	
H-9	12	12	79	140	WM-182	1198	49	WM-180	152	50								2560	
H-9	12	12	79	141	WM-182	1220	49	WM-180	134	50								2640	
H-9	14	12	79	142	WM-182	1211	49	WM-180	179	50								2640	
H-9	14	12	79	143	WM-182	1193	49	WM-180	150	50								2560	
H-9	15	12	79	144	WM-182	1216	49	WM-180	147	50								2640	
H-9	16	12	79	145	WM-182	1191	49	WM-180	154	50								2560	
H-9	17	12	79	146	WM-182	1202	49	WM-180	152	50								2640	
H-9	17	12	79	147	WM-182	1202	49	WM-180	148	50								2640	
H-9	19	12	79	148	WM-182	1202	49	WM-180	152	50								2640	
H-9	19	12	79	149	WM-182	1189	49	WM-180	156	50								2560	
H-9	20	12	79	150	WM-182	1202	49	WM-180	148	50								2640	
H-9	20	12	79	151	WM-182	1216	49	WM-180	174	50								2640	
H-9	21	12	79	152	WM-182	1198	49	WM-180	170	50								2640	
H-9	22	12	79	153	WM-182	1215	49	WM-180	171	50								2640	
H-9	22	12	79	154	WM-182	1211	49	WM-180	170	50								2640	
H-9	23	12	79	155	WM-182	1200	49	WM-180	170	50								2640	
H-9	23	12	79	156	WM-182	1204	49	WM-180	173	50								2640	
H-9	24	12	79	157	WM-182	1202	49	WM-180	175	50								2640	
H-9	25	12	79	158	WM-182	1198	49	WM-180	170	50								2640	
H-9	25	12	79	159	WM-182	1198	49	WM-180	179	50								2640	
H-9	26	12	79	160	WM-182	1200	49	WM-180	170	50								2640	
H-9	27	12	79	161	WM-182	1193	49	WM-180	175	50								2640	
H-9	27	12	79	162	WM-182	1213	49	WM-180	173	50								2640	
H-9	28	12	79	163	WM-182	1202	49	WM-180	170	50								2640	
H-9	29	12	79	164	WM-182	1205	49	WM-180	174	50								2640	
H-9	30	12	79	165	WM-182	1200	49	WM-180	171	50								2640	
H-9	31	12	79	166	WM-182	1207	49	WM-180	170	50								2640	
H-9	1	1	80	167	WM-182	1204	49	WM-180	177	50								2640	
H-9	2	1	80	168	WM-189	1070	52	WM-180	139	50								2000	
H-9	3	1	80	169	WM-189	1314	52	WM-180	189	50								2720	
H-9	4	1	80	170	WM-189	1159	52	WM-180	161	50								2400	
H-9	5	1	80	171	WM-189	1225	52	WM-180	173	50								2560	
H-9	5	1	80	172	WM-189	1188	52	WM-180	173	50								2480	
H-9	6	1	80	173	WM-189	1220	52	WM-180	182	50								2560	
H-9	7	1	80	174	WM-189	1216	52	WM-180	173	50								2480	
H-9	7	1	80	175	WM-189	1216	52	WM-180	186	50								2508	
H-9	8	1	80	176	WM-189	1216	52	WM-180	177	50								2480	
H-9	8	1	80	177	WM-189	1172	52	WM-180	167	50								2400	
H-9	9	1	80	178	WM-189	1238	52	WM-180	178	50								2560	
H-9	10	1	80	179	WM-189	1202	52	WM-180	173	50								2320	
H-9	10	1	80	180	WM-189	1238	52	WM-180	178	50								2400	
H-9	11	1	80	181	WM-189	1202	52	WM-180	168	50								2400	
H-9	12	1	80	182	WM-189	1266	52	WM-180	182	50								2480	
H-9	13	1	80	183	WM-189	1197	52	WM-180	169	50								2320	
H-9	14	1	80	184	WM-189	1202	52	WM-180	209	50								2400	



Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF Camp.	Date			Batch No.	Feed Stream												Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>			
	d	mo	yr		tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb			
H-9	14	1	80	185	WM-189	1193	52	WM-180	168	50								2320			
H-9	15	1	80	186	WM-189	1181	52	WM-180	167	50								2320			
H-9	16	1	80	187	WM-189	1311	52	WM-180	180	50								2560			
H-9	16	1	80	188	WM-189	1202	52											1840			
H-9	16	2	80	FB	Fluorapatite Bed (approx. 61 cubic feet)							4260	93								
H-9	17	2	80	FB	Fluorapatite Bed (approx. 11 cubic feet)							780	93								
H-9	17	2	80	FB	Fluorapatite Bed (approx. 11 cubic feet)							780	93								
H-9	17	2	80	FB	Fluorapatite Bed (approx. 11 cubic feet)							780	93								
H-9	18	2	80	FB	Fluorapatite Bed (approx. 11 cubic feet)							780	93								
H-9	18	2	80	FB	Fluorapatite Bed (approx. 11 cubic feet)							780	93								
H-9	18	2	80	CF	Cold									747	1.7		1.7				
H-9	18	2	80	FB	Fluorapatite Bed (approx. 11 cubic feet)							780	93								
H-9	19	2	80	FB	Fluorapatite Bed (approx. 11 cubic feet)							780	93								
H-9	19	2	80	CF	Cold									256	1.7		0.6				
H-9	19	2	80	FB	Fluorapatite Bed (approx. 11 cubic feet)							780	93								
H-9	20	2	80	CF	Cold									1440	1.93		3.4				
H-9	20	2	80	FB	Fluorapatite Bed (approx. 11 cubic feet)							780	93								
H-9	22	2	80	CF	Cold									149	1.92		0.4				
H-9	21	2	80	CF	Cold									889	1.92		2.1				
H-9	22	2	80	CF	Cold									442	1.94		1.0				
H-9	22	2	80	189	WM-188	1296	51											2000			
H-9	22	2	80	190	WM-189	1302	53	WM-180	134	50								2080			
H-9	23	2	80	191	WM-189	1197	53	WM-180	130	50								2320			
H-9	24	2	80	192	WM-189	1288	53	WM-180	130	50								2560			
H-9	24	2	80	193	WM-189	1265	53	WM-180	155	50								2480			
H-9	25	2	80	194	WM-189	1270	53	WM-180	145	50								2480			
H-9	26	2	80	195	WM-189	1252	53	WM-180	139	50								2480			
H-9	27	2	80	196	WM-189	1197	53	WM-180	133	50								2320			
H-9	27	2	80	197	WM-189	1184	53	WM-180	136	50								2320			
H-9	28	2	80	198	WM-189	1225	53	WM-180	136	50								2400			
H-9	28	2	80	199	WM-189	1216	53	WM-180	136	50								2400			
H-9	28	2	80	200	WM-189	1202	53	WM-180	134	50								2400			
H-9	29	2	80	201	WM-189	1142	53	WM-180	129	50								2240			
H-9	29	2	80	202	WM-189	1082	53	WM-180	122	50								2160			
H-9	1	3	80	203	WM-189	1375	53											1920			
H-9	14	3	80	DB	Dolomite Bed (approx. 6 cubic feet)							390	92								
H-9	14	3	80	DB	Dolomite Bed (approx. 7 cubic feet)							460	92								
H-9	15	3	80	DB	Dolomite Bed (approx. 13 cubic feet)							930	92								
H-9	15	3	80	CF	Cold									1250	1.99		2.9				
H-9	15	3	80	DB	Dolomite Bed (approx. 13 cubic feet)							930	92								
H-9	15	3	80	DB	Dolomite Bed (approx. 13 cubic feet)							930	92								
H-9	16	3	80	CF	Cold									910	1.99		2.6				
H-9	17	3	80	CF	Cold									226	1.99		0.6				
H-9	17	3	80	CF	Cold									884	1.99		2.1				
H-9	17	3	80	CF	Cold									1001	2.12		2.4				
H-9	18	3	80	CF	Cold									800	2.12		1.9				
H-9	19	3	80	206	WM-185	1100	54											1543			
H-9	20	3	80	CF	Cold									287	1.95		1.2				
H-9	20	3	80	CF	Cold									157	1.95		0.7				
H-9	20	3	80	CF	Cold									700	1.95		2.9				
H-9	21	3	80	CF	Cold									250	1.95		0.8				
H-9	22	3	80	CF	Cold									547	1.95		1.7				
H-9	22	3	80	207	WM-185	1198	54											1680			
H-9	23	3	80	208	WM-185	1211	54											1760			
H-9	23	3	80	209	WM-185	1200	54											1680			
H-9	24	3	80	210	WM-185	1203	54											1680			
H-9	25	3	80	211	WM-185	1207	54											1680			
H-9	26	3	80	212	WM-185	1090	54											1520			
H-9	26	3	80	213	WM-185	1207	54											1680			
H-9	27	3	80	214	WM-185	1211	54											1760			
H-9	28	3	80	215	WM-185	1198	54											1680			
H-9	6	4	80	CF	Cold									1370	2.154		5.2				
H-9	9	4	80	CF	Cold									875	2.15		3.3				
H-9	9	4	80	CF	Cold									840	2.15		3.1				
H-9	10	4	80	CF	Cold									460	2.15		1.7				
H-9	11	4	80	CF	Cold									825	1.86		7.7				
H-9	11	4	80	CF	Cold									920	1.99		4.3				

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

					Feed Stream									Cold Chemicals				
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-9	12	4	80	CF	Cold									75	1.99		0.4	
H-9	12	4	80	CF	Cold									1189	1.81		11.1	
H-9	13	4	80	CF	Cold									920	1.94		5.0	
H-9	13	4	80	216	WM-185	900	54											1280
H-9	14	4	80	217	WM-185	1007	54											1440
H-9	15	4	80	218	WM-185	1203	54											1680
H-9	15	4	80	219	WM-185	1211	54											1760
H-9	16	4	80	220	WM-185	1203	54											1680
H-9	17	4	80	221	WM-185	1189	54											1680
H-9	18	4	80	222	WM-185	1198	54											2480
H-9	18	4	80	223	WM-185	1111	54											2320
H-9	19	4	80	224	WM-185	1101	54											2320
H-9	20	4	80	225	WM-185	1142	54											2400
H-9	21	4	80	226	WM-185	1194	54											2480
H-9	21	4	80	227	WM-185	1194	54											2560
H-9	22	4	80	228	WM-185	1207	54											2560
H-9	23	4	80	229	WM-185	1209	54											2560
H-9	23	4	80	230	WM-185	1192	54											2560
H-9	25	4	80	231	WM-185	1205	54											2560
H-9	26	4	80	232	WM-185	1536	54											1680
H-9	27	4	80	233	WM-185	986	54											2160
H-9	9	5	80	DB	Dolomite Bed (approx. 72 cubic feet)							5035	92					
H-9	10	5	80	CF	Cold									1635	1.94		4.9	
H-9	13	5	80	CF	Cold									1475	1.94		4.4	
H-9	15	5	80	CF	Cold									1039	1.89		3.1	
H-9	17	5	80	CF	Cold									620	1.85		1.9	
H-9	18	5	80	234	WM-185	1296	54											2720
H-9	18	5	80	235	WM-185	1160	54											2480
H-9	19	5	80	236	WM-185	1198	54											2560
H-9	19	5	80	237	WM-185	1194	54											2560
H-9	21	5	80	238	WM-185	1202	54											2560
H-9	21	5	80	239	WM-185	1202	54											2560
H-9	22	5	80	240	WM-185	1190	54											2560
H-9	22	5	80	241	WM-185	1207	54											2560
H-9	23	5	80	242	WM-185	1233	54											2640
H-9	24	5	80	243	WM-185	1198	54											2560
H-9	24	5	80	244	WM-185	1198	54											2560
H-9	25	5	80	245	WM-185	1194	54											2560
H-9	26	5	80	246	WM-185	1246	54											2640
H-9	26	5	80	247	WM-185	1200	54											2560
H-9	27	5	80	248	WM-185	1200	54											2560
H-9	28	5	80	249	WM-185	1198	54											2560
H-9	29	5	80	250	WM-185	1008	54											2160
H-9	29	5	80	251	WM-185	1025	54											2160
H-9	30	5	80	252	WM-185	740	54											1600
H-9	31	5	80	253	WM-185	744	54											1600
H-9	31	5	80	254	WM-185	900	54											1920
H-9	31	5	80	255	WM-185	709	54											1520
H-9	1	6	80	256	WM-185	986	54											2080
H-9	2	6	80	257	WM-185	1418	54											1200
H-9	10	10	80	DB	Dolomite Bed (approx. 72 cubic feet)							5035	92					
H-9	10	10	80	CF	Cold									560	1.9		2.6	
H-9	10	10	80	CF	Cold									515	1.9		2.4	
H-9	10	10	80	CF	Cold									555	1.9		2.6	
H-9	11	10	80	CF	Cold									4658	1.9		22.0	
H-9	13	10	80	258	WM-185	1021	55											2160
H-9	14	10	80	259	WM-185	1203	55											2560
H-9	15	10	80	260	WM-185	1198	55											2560
H-9	15	10	80	261	WM-185	1207	55											2560
H-9	16	10	80	262	WM-185	1198	55											2560
H-9	17	10	80	263	WM-185	1043	55											2560
H-9	18	10	80	264	WM-185	1220	55											2640
H-9	18	10	80	265	WM-185	1203	55											2560
H-9	19	10	80	266	WM-185	1194	55											2560
H-9	20	10	80	267	WM-185	1129	55											2400
H-9	20	10	80	268	WM-185	1200	55											2560
H-9	20	10	80	269	WM-185	1194	55											2560
H-9	22	10	80	270	WM-185	1203	55											2560

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF Camp	Date			Batch No.	Feed Stream												Cold Chemicals			
	d	mo	yr		1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>		
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb		
H-9	22	10	80	271	WM-185	1293	55												2720	
H-9	23	10	80	272	WM-185	1250	55												2640	
H-9	24	10	80	273	WM-185	1198	55												2560	
H-9	24	10	80	274	WM-185	1194	55												2560	
H-9	25	10	80	275	WM-185	1216	55												2560	
H-9	25	10	80	276	WM-185	1198	55												2560	
H-9	26	10	80	277	WM-185	1203	55												2560	
H-9	26	10	80	278	WM-185	1198	55												2560	
H-9	27	10	80	279	WM-185	1198	55												2560	
H-9	28	10	80	280	WM-185	1203	55												2560	
H-9	31	10	80	281	WM-185	1051	55												2240	
H-9	5	11	80	DB	Dolomite Bed (approx. 61 cubic feet)						4260	92								
H-9	5	11	80	DB	Dolomite Bed (approx. 11 cubic feet)						780	92								
H-9	6	11	80	DB	Dolomite Bed (approx. 11 cubic feet)						780	92								
H-9	7	11	80	282	WM-185	1207	55												2560	
H-9	8	11	80	283	WM-185	995	55												2160	
H-9	9	11	80	284	WM-185	1090	55												2320	
H-9	5	12	80	CF	Cold										224	2.1		12.8		
H-9	5	12	80	CF	Cold										925	2.1		5.3		
H-9	6	12	80	CF	Cold										520	2.1		3.0		
H-9	6	12	80	CF	Cold										70	2.1		4.0		
H-9	7	12	80	CF	Cold										530	2.1		3.0		
H-9	7	12	80	CF	Cold										420	2.1		2.4		
H-9	7	12	80	CF	Cold										460	2.1		2.6		
H-9	8	12	80	CF	Cold										480	2.1		2.7		
H-9	8	12	80	CF	Cold										430	2.1		2.5		
H-9	8	12	80	CF	Cold										475	2.1		2.7		
H-9	9	12	80	285	WM-185	1255	56											41.0	2720	
H-9	10	12	80	286	WM-185	1194	56												2480	
H-9	11	12	80	287	WM-185	1194	56												2480	
H-9	13	12	80	288	WM-185	1207	56												2480	
H-9	13	12	80	289	WM-185	1198	56												2480	
H-9	14	12	80	290	WM-185	1198	56												2480	
H-9	15	12	80	291	WM-185	1198	56												2480	
H-9	16	12	80	292	WM-185	1198	56												2480	
H-9	17	12	80	293	WM-185	1198	56												2480	
H-9	18	12	80	294	WM-185	1202	56												2480	
H-9	18	12	80	295	WM-185	1190	56												2480	
H-9	19	12	80	296	WM-185	1099	56												2320	
H-9	20	12	80	297	WM-185	997	56												2080	
H-9	21	12	80	298	WM-185	1089	56												2240	
H-9	22	12	80	299	WM-185	1298	56												2720	
H-9	22	12	80	300	WM-185	1319	56												2720	
H-9	23	12	80	301	WM-185	1194	56												2640	
H-9	24	12	80	302	WM-185	1198	56												2240	
H-9	25	12	80	303	WM-185	1198	56												2240	
H-9	25	12	80	304	WM-185	1298	56												2720	
H-9	26	12	80	305	WM-185	1289	56												2720	
H-9	27	12	80	306	WM-185	1198	56												2480	
H-9	28	12	80	307	WM-185	1190	56												2400	
H-9	29	12	80	308	WM-185	1200	56												2480	
H-9	29	12	80	309	WM-185	1198	56												2480	
H-9	30	12	80	310	WM-185	1099	56												2320	
H-9	31	12	80	311	WM-185	1146	56												2480	
H-9	1	1	81	312	WM-185	1194	56												2480	
H-9	1	1	81	313	WM-185	1189	56												2480	
H-9	2	1	81	314	WM-185	1196	56												2480	
H-9	3	1	81	315	WM-185	932	56												1920	
H-9	4	1	81	316	WM-185	891	56												1840	
H-9	4	1	81	317	WM-185	999	56												2080	
H-9	5	1	81	318	WM-185	1025	56												2160	
H-9	6	1	81	319	WM-185	995	56												2080	
H-9	8	1	81	320	WM-185	1200	56												2480	
H-9	9	1	81	321	WM-185	999	56												2080	
H-9	9	1	81	322	WM-185	1185	56												2480	
H-9	10	1	81	323	WM-185	1198	56												2480	
H-9	11	1	81	324	WM-185	1198	56												2480	
H-9	12	1	81	325	WM-185	1185	56												2480	

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

WCF					Feed Stream									Cold Chemicals				
Date		Batch		1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-9	12	1	81	326	WM-185	1190	56											2480
H-9	13	1	81	327	WM-185	1198	56											2480
H-9	14	1	81	328	WM-185	1200	56											2480
H-9	15	1	81	329	WM-185	1213	56											2560
H-9	15	1	81	330	WM-185	1203	56											2480
H-9	16	1	81	331				WM-189	1204	57								1680
H-9	17	1	81	332	WM-185	1200	56											2480
H-9	18	1	81	333				WM-189	1270	57								1680
H-9	18	1	81	334	WM-185	1211	56											2480
H-9	19	1	81	335				WM-189	1204	57								1680
H-9	20	1	81	336	WM-185	1185	56											2480
H-9	21	1	81	337				WM-189	1019	57								1440
H-9	21	1	81	338	WM-185	1310	56											2720
H-9	22	1	81	339				WM-189	1231	57								1760
H-9	23	1	81	340	WM-185	1194	56											2480
H-9	23	1	81	341				WM-189	1486	57								2080
H-9	24	1	81	342	WM-185	1190	56											2624
H-9	25	1	81	343	WM-185	1190	56											2560
H-9	26	1	81	344	WM-185	1185	56											2560
H-9	26	1	81	345	WM-185	1198	56											2560
H-9	27	1	81	346	WM-185	1198	56											2560
H-9	29	1	81	347	WM-185	1198	56											2560
H-9	30	1	81	348	WM-185	1185	56											2560
H-9	31	1	81	349	WM-185	1198	56											2560
H-9	1	2	81	350	WM-185	1185	56											2560
H-9	2	2	81	351	WM-185	1198	56											2560
H-9	2	2	81	352	WM-185	1198	56											2560
H-9	3	2	81	353	WM-185	1281	56											2720
H-9	4	2	81	354	WM-185	1198	56											2640
H-9	5	2	81	355	WM-185	1003	56											2160
H-9	6	2	81	356	WM-185	995	56											2160
H-9	7	2	81	357	WM-185	1099	56											2320
H-9	7	2	81	358	WM-185	1198	56											2560
H-9	8	2	81	359	WM-185	1094	56											2320
H-9	9	2	81	360	WM-185	1198	56											2560
H-9	10	2	81	361				WM-189	1185	57								2560
H-9	11	2	81	362				WM-189	1258	57								1680
H-9	11	2	81	363				WM-189	1186	57								1520
H-9	12	2	81	364				WM-189	1232	57								1600
H-9	13	2	81	365				WM-189	1362	57								1760
H-9	13	2	81	366				WM-189	1195	57								1600
H-9	14	2	81	367				WM-189	1258	57								1680
H-9	15	2	81	368				WM-189	1317	57								1760
H-9	16	2	81	369				WM-189	1333	57								1760
H-9	16	2	81	370				WM-189	1344	57								1760
H-9	17	2	81	371				WM-189	1254	57								1600
H-9	18	2	81	372				WM-189	1299	57								1680
H-9	18	2	81	373				WM-189	1326	57								1760
H-9	19	2	81	374	WM-185	629	56	WM-189	388	57								640
H-9	20	2	81	375				WM-189	1141	57								1520
H-9	21	2	81	376				WM-189	1317	57								1680
H-9	21	2	81	377				WM-189	1326	57								1760
H-9	22	2	81	378				WM-189	1150	57								1520
H-9	23	2	81	379				WM-189	1186	57								1520
H-9	23	2	81	380				WM-189	1245	57								1440
H-9	24	2	81	381				WM-189	1245	57								1600
H-9	25	2	81	382				WM-189	1213	57								1600
H-9	26	2	81	383				WM-189	1240	57								1600
H-9	26	2	81	384				WM-189	1240	57								1600
H-9	27	2	81	385				WM-189	1348	57								1760
H-9	28	2	81	386				WM-189	1340	57								1760
H-9	1	3	81	387	WM-182	1267	58											3600
H-9	1	3	81	388				WM-189	1100	57								1440
H-9	2	3	81	389				WM-189	1098	57								1440
H-9	3	3	81	390	WM-182	1120	58											3200
H-9	4	3	81	391	WM-185	600	56	WM-189	600	57								1360
H-9	4	3	81	392				WM-189	1110	57								1440
H-9	5	3	81	393				WM-189	1159	57								1520

Table A3. Calciner Feed to Calcined Solids Storage Facility III. (continued)

				Feed Stream										Cold Chemicals					
WCF	Date			Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-9	6	3	81	394	WM-182	982	58											2800	
H-9	6	3	81	395				WM-189	1353	57								1760	
H-9	7	3	81	396	WM-185	500	56	WM-189	545	57								1200	
H-9	8	3	81	397				WM-189	1254	57								1600	
H-9	9	3	81	398				WM-189	1191	57								1520	
H-9	10	3	81	399				WM-189	1200	57								1600	
H-9	10	3	81	400				WM-189	1245	57								1600	
H-9	11	3	81	401				WM-189	1504	57								1820	
H-9	12	3	81	402				WM-189	1204	57								1600	
H-9	13	3	81	403				WM-189	1381	57								1840	
H-9	13	3	81	404				WM-189	1250	57								1600	
H-9	14	3	81	405				WM-189	1329	57								1680	
H-9	15	3	81	406				WM-189	1335	57								1440	

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Table A4. Calciner Feed to Calcined Solids Storage Facility IV.

NWCF				Feed Stream										Cold Chemicals					
Date		Batch		1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>		
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-1	26	8	82	DB	Dolomite Bed (approx. 111 cubic feet)							7752	92						
H-1	28	8	82	DB	Dolomite Bed (approx. 17 cubic feet)							1162	92						
H-1	28	8	82	1C	Cold									2481	2.2		11.4		
H-1	26	8	82	2C	Cold									2322	2.2		11.8		
H-1	29	8	82	DB	Dolomite Bed (approx. 17 cubic feet)							1162	92						
H-1	29	8	82	DB	Dolomite Bed (approx. 17 cubic feet)							1162	92						
H-1	29	8	82	3C	Cold									1810	2.2		11.3		
H-1	30	8	82	4C	Cold									2170	2.2		13.3		
H-1	31	8	82	5C	Cold									1923	2.2		11.5		
H-1	1	9	82	6C	Cold									1948	2.2		11.9		
H-1	2	9	82	7C	Cold									2183	2.2		11.4		
H-1	3	9	82	8C	Cold									2058	2.2		12.2		
H-1	4	9	82	9C	Cold									978	2.2		5.9		
H-1	4	9	82	1	WM-182	85.5	59							2250	2.1		11.4	274	
H-1	5	9	82	2	WM-182	99.75	59							2015	2.2		9.6	301	
H-1	6	9	82	3	WM-182	90.25	59							2000	1.95		9.4	297	
H-1	7	9	82	4	WM-182	76	59							2003	2.2		9.5	320	
H-1	8	9	82	5	WM-182	1672	59											5200	
H-1	9	9	82	6	WM-182	1887	59											5360	
H-1	10	9	82	7	WM-182	1692	59											4960	
H-1	11	9	82	8	WM-182	1871.5	59											2880	
H-1	12	9	82	9	WM-182	1928.5	59											2560	
H-1	13	9	82	10	WM-182	1808.8	59							300	2.2		2.8	6400	
H-1	13	9	82	11	WM-182	1781.3	59							250	2.2		2.2	5360	
H-1	14	9	82	12	WM-182	1833.5	59											3040	
H-1	15	9	82	13	WM-182	1689.1	59											3520	
H-1	16	9	82	14	WM-182	1930.4	59											5440	
H-1	17	9	82	15	WM-182	2042.5	59											5600	
H-1	17	9	82	16	WM-182	2032	59											5360	
H-1	18	9	82	17	WM-182	1874	59											5280	
H-1	19	9	82	18	WM-182	1980	59											5760	
H-1	20	9	82	19	WM-182	1981	59											5600	
H-1	20	9	82	20	WM-182	2057	59											5600	
H-1	21	9	82	21				WM-185	1626	60								4840	
H-1	22	9	82	22				WM-185	2446	60								5360	
H-1	22	9	82	23	WM-182	2235	59											6400	
H-1	29	9	82	24	WM-182	2311	59											6320	
H-1	30	9	82	25	WM-182	1506	59											4240	
H-1	30	9	82	26	WM-182	2072	59											5760	
H-1	1	10	82	27	WM-182	2032	59											6240	
H-1	1	10	82	28	WM-182	2209	59											6560	
H-1	2	10	82	29	WM-182	2107	59											6480	
H-1	3	10	82	30	WM-182	2286	59											6000	
H-1	3	10	82	31	WM-182	1651	59											4880	
H-1	4	10	82	32	WM-182	2412	59											6560	
H-1	5	10	82	33	WM-182	1803	59											5680	
H-1	5	10	82	34	WM-182	1829	59											5440	
H-1	6	10	82	35	WM-182	1473	59											4480	
H-1	7	10	82	36	WM-182	1828	59											5280	
H-1	7	10	82	37	WM-182	1853	59											5280	
H-1	8	10	82	38	WM-182	2031	59											5680	
H-1	8	10	82	39	WM-182	1702	59											5200	
H-1	9	10	82	40	WM-182	2006	59											5760	
H-1	9	10	82	41	WM-182	2031	59											5920	
H-1	10	10	82	42	WM-182	1778	59											5280	
H-1	11	10	82	43	WM-182	1905	59											5680	
H-1	11	10	82	44	WM-182	1776	59											4960	
H-1	12	10	82	45	WM-182	1549	59											4480	
H-1	12	10	82	46	WM-182	2031	59											5360	
H-1	13	10	82	47	WM-182	1651	59											5120	
H-1	14	10	82	48	WM-182	1841	59											5440	
H-1	14	10	82	49	WM-182	939	59	WM-189	1014	61								4720	
H-1	15	10	82	50	WM-182	916	59	WM-189	1100	61								5360	
H-1	15	10	82	51	WM-182	813	59	WM-189	1046	61								4160	
H-1	16	10	82	52	WM-182	893	59	WM-189	1029	61								4640	
H-1	16	10	82	53	WM-182	838	59	WM-189	1010	61								4560	
H-1	17	10	82	54	WM-182	888	59	WM-189	1065	61								4640	

Table A4. Calciner Feed to Calcined Solids Storage Facility IV. (continued)

NWCF				Feed Stream												Cold Chemicals							
Date				Batch		1				2				3				Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb					
H-1	18	10	82	55	WM-182	1015	59	WM-189	974	61								5360					
H-1	18	10	82	56	WM-182	1016	59	WM-189	968	61								4960					
H-1	19	10	82	57	WM-182	1269	59	WM-189	1019	61								5840					
H-1	20	10	82	58	WM-182	869	59	WM-189	851	61								4320					
H-1	21	10	82	59	WM-182	1201	59	WM-189	590	61								5200					
H-1	22	10	82	60	WM-182	1066	59	WM-189	549	61								4240					
H-1	22	10	82	61	WM-182	1270	59	WM-189	686	61								5680					
H-1	23	10	82	62	WM-182	1346	59	WM-189	750	61								5840					
H-1	23	10	82	63	WM-182	1288	59	WM-189	694	61								6080					
H-1	24	10	82	64	WM-182	1320	59	WM-189	655	61								5680					
H-1	25	10	82	65	WM-182	1326	59	WM-189	727	61								5920					
H-1	26	10	82	66	WM-182	1397	59	WM-189	744	61								6480					
H-1	26	10	82	67	WM-182	1169	59	WM-189	638	61								5440					
H-1	27	10	82	68	WM-182	1346	59	WM-189	694	61								5760					
H-1	28	10	82	69	WM-182	1397	59	WM-189	722	61								6160					
H-1	29	10	82	70	WM-182	1270	59	WM-189	688	61								5840					
H-1	29	10	82	71	WM-182	1321	59	WM-189	686	61								6160					
H-1	30	10	82	72	WM-182	1397	59	WM-189	715	61								5920					
H-1	31	10	82	73	WM-182	1219	59	WM-189	723	61								5760					
H-1	31	10	82	74	WM-182	1574	59	WM-189	859	61								6640					
H-1	1	11	82	75	WM-182	1245	59	WM-189	639	61								6000					
H-1	2	11	82	76	WM-182	1270	59	WM-189	720	61								5760					
H-1	2	11	82	77	WM-182	1270	59	WM-189	726	61								5680					
H-1	3	11	82	78	WM-182	1397	59	WM-189	727	61								5920					
H-1	4	11	82	79	WM-182	1270	59	WM-189	679	61								5520					
H-1	4	11	82	80	WM-182	1295	59	WM-189	686	61								5600					
H-1	5	11	82	81	WM-182	1270	59	WM-189	645	61								5840					
H-1	6	11	82	82	WM-182	1193	59	WM-189	677	61								5920					
H-1	6	11	82	83	WM-182	1270	59	WM-189	691	61								5440					
H-1	7	11	82	84	WM-182	1345	59	WM-189	667	61								5600					
H-1	8	11	82	85	WM-182	1372	59	WM-189	714	61								5840					
H-1	8	11	82	86	WM-182	1270	59	WM-189	688	61								5920					
H-1	9	11	82	87	WM-182	1219	59	WM-189	810	61								5360					
H-1	10	11	82	88	WM-182	1193	59	WM-189	847	61								5360					
H-1	10	11	82	89	WM-182	1193	59	WM-189	862	61								5520					
H-1	11	11	82	90	WM-182	1270	59	WM-189	892	61								5600					
H-1	12	11	82	91	WM-182	1263	59	WM-189	858	61								5520					
H-1	12	11	82	92	WM-182	1346	59	WM-189	889	61								6080					
H-1	13	11	82	93	WM-182	1194	59	WM-189	925	61								5760					
H-1	13	11	82	94	WM-182	1219	59	WM-189	837	61								5440					
H-1	14	11	82	95	WM-182	1270	59	WM-189	833	61								5920					
H-1	15	11	82	96	WM-182	1270	59	WM-189	782	61								5600					
H-1	15	11	82	97	WM-182	1194	59	WM-189	870	61								5440					
H-1	16	11	82	98	WM-182	1295	59	WM-189	1021	61								6240					
H-1	17	11	82	99	WM-182	1244	59	WM-189	807	61								5760					
H-1	17	11	82	100	WM-182	1422	59	WM-189	1060	61								6480					
H-1	18	11	82	101	WM-182	1321	59	WM-189	983	61								6080					
H-1	19	11	82	102	WM-182	1473	59	WM-189	935	61								6080					
H-1	19	11	82	103	WM-182	1371	59	WM-189	960	61								6320					
H-1	20	11	82	104	WM-182	1524	59	WM-189	971	61								6640					
H-1	21	11	82	105	WM-182	1219	59	WM-189	969	61								6240					
H-1	22	11	82	106	WM-182	1270	59	WM-189	900	61								6240					
H-1	22	11	82	107	WM-182	1275	59	WM-189	810	61								5520					
H-1	23	11	82	108	WM-182	1587	59											4720					
H-1	24	11	82	109	WM-182	1854	59											5440					
H-1	25	11	82	110	WM-182	2286	59											6640					
H-1	26	11	82	111	WM-182	1981	59											5760					
H-1	27	11	82	112	WM-182	1879	59											5600					
H-1	27	11	82	113	WM-182	2006	59											6080					
H-1	28	11	82	114	WM-182	1777	59											5280					
H-1	28	11	82	115	WM-182	1651	59											4720					
H-1	29	11	82	116	WM-182	2032	59											6000					
H-1	30	11	82	117	WM-182	1143	59	WM-189	895	62								5200					
H-1	30	11	82	118	WM-182	1092	59	WM-189	917	62								5120					
H-1	1	12	82	119	WM-182	1168	59	WM-189	899	62								5360					
H-1	2	12	82	120	WM-182	1143	59	WM-189	864	62								5760					
H-1	2	12	82	121	WM-182	1270	59	WM-189	1001	62								6560					
H-1	3	12	82	122	WM-182	1270	59	WM-189	922	62								5840					



Table A4. Calciner Feed to Calcined Solids Storage Facility IV. (continued)

NW/CF	Date			Batch	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp.	d	mo	yr	No	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-1	4	12	82	123	WM-182	1015	59	WM-189	833	62								5520
H-1	5	12	82	124	WM-182	1371	59	WM-189	902	62								6080
H-1	5	12	82	125	WM-182	1371	59	WM-189	976	62								6400
H-1	6	12	82	126	WM-182	990	59	WM-189	697	62								4800
H-1	7	12	82	127	WM-182	1193	59	WM-189	881	62								5840
H-1	8	12	82	128	WM-182	1346	59	WM-189	926	62								6080
H-1	8	12	82	129	WM-182	1067	59	WM-189	864	62								5520
H-1	9	12	82	130	WM-182	1143	59	WM-189	970	62								5840
H-1	10	12	82	131	WM-182	1321	59	WM-189	1126	62								6480
H-1	11	12	82	132	WM-182	1016	59	WM-189	771	62								5120
H-1	12	12	82	133	WM-182	1016	59	WM-189	837	62								5440
H-1	12	12	82	134	WM-182	1270	59	WM-189	845	62								5520
H-1	13	12	82	135	WM-182	1444	59	WM-189	1001	62								6240
H-1	14	12	82	136	WM-182	1219	59	WM-189	901	62								5920
H-1	14	12	82	137	WM-182	1224	59	WM-189	822	62								5440
H-1	15	12	82	138	WM-182	1164	59	WM-189	860	62								5600
H-1	16	12	82	139	WM-182	1269	59	WM-189	982	62								6000
H-1	17	12	82	140	WM-182	1219	59	WM-189	875	62								5680
H-1	18	12	82	141	WM-182	1219	59	WM-189	845	62								5760
H-1	19	12	82	142	WM-182	1270	59	WM-189	871	62								5520
H-1	20	12	82	143	WM-182	1193	59	WM-189	892	62								5840
H-1	21	12	82	144	WM-182	1181	59	WM-189	888	62								5920
H-1	21	12	82	145	WM-182	1269	59	WM-189	880	62								5920
H-1	22	12	82	146	WM-182	1219	59	WM-189	847	62								5760
H-1	23	12	82	147	WM-182	1219	59	WM-189	923	62								5920
H-1	24	12	82	148	WM-182	1219	59	WM-189	876	62								5680
H-1	25	12	82	149	WM-182	1245	59	WM-189	938	62								6160
H-1	25	12	82	150	WM-182	1270	59	WM-189	891	62								5760
H-1	26	12	82	151	WM-182	1397	59	WM-189	990	62								6400
H-1	27	12	82	152	WM-182	1219	59	WM-189	925	62								5600
H-1	28	12	82	153	WM-182	1244	59	WM-189	885	62								5840
H-1	28	12	82	154	WM-182	1194	59	WM-189	898	62								5760
H-1	29	12	82	155	WM-182	1396	59	WM-189	974	62								6400
H-1	30	12	82	156	WM-182	1803	59											5600
H-1	31	12	82	157	WM-182	1904	59											5680
H-1	1	1	83	158	WM-182	2031	59											6080
H-1	1	1	83	159	WM-182	1905	59											6240
H-1	2	1	83	160	WM-182	1650	59											4960
H-1	3	1	83	161	WM-182	1930	59											5360
H-1	4	1	83	162	WM-182	1880	59											5360
H-1	5	1	83	163	WM-182	1449	59											4320
H-1	6	1	83	164	WM-182	1473	59											4160
H-1	7	1	83	165	WM-182	1904	59											5520
H-1	7	1	83	166	WM-182	1955	59											5200
H-1	8	1	83	167	WM-182	1880	59											5760
H-1	8	1	83	168	WM-182	2260	59											7280
H-1	9	1	83	169	WM-182	1778	59											4960
H-1	10	1	83	170	WM-182	1626	59											4880
H-1	10	1	83	171	WM-182	2209	59											6560
H-1	11	1	83	172	WM-182	1879	59											5680
H-1	12	1	83	173	WM-182	1956	59											5680
H-1	12	1	83	174	WM-182	1981	59											5760
H-1	13	1	83	175	WM-182	1879	59											5760
H-1	14	1	83	176	WM-182	1575	59											4640
H-1	14	1	83	177	WM-182	1904	59											5520
H-1	15	1	83	178	WM-182	1905	59											5600
H-1	16	1	83	179	WM-182	1601	59											4800
H-1	16	1	83	180	WM-182	1853	59											5680
H-1	17	1	83	181	WM-182	1473	59											4240
H-1	17	1	83	182	WM-182	1575	59											4880
H-1	18	1	83	183	WM-182	1854	59											5440
H-1	19	1	83	184	WM-182	1676	59											5040
H-1	19	1	83	185	WM-182	1752	59											5280
H-1	20	1	83	186	WM-182	1670	59											5120
H-1	20	1	83	187	WM-182	1701	59											5200
H-1	21	1	83	188	WM-182	2006	59											5840
H-1	21	1	83	189	WM-182	1778	59											4960
H-1	22	1	83	190	WM-182	1854	59											5040

Table A4. Calciner Feed to Calcined Solids Storage Facility IV. (continued)

NWCF	Date			Batch	Feed Stream										Cold Chemicals					
					1				2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb		
H-1	23	1	83	191	WM-182	1460	59											4240		
H-1	23	1	83	192	WM-185	1708	60											4880		
H-1	24	1	83	193	WM-185	1989	60											4480		
H-1	24	1	83	194	WM-185	1836	60											4560		
H-1	25	1	83	195	WM-185	2012	60											4560		
H-1	25	1	83	196	WM-185	1275	60	WM-189	690	62								4400		
H-1	26	1	83	197	WM-185	1326	60	WM-189	708	62								4720		
H-1	27	1	83	198	WM-185	1199	60	WM-189	659	62								4240		
H-1	27	1	83	199	WM-185	1198	60	WM-189	627	62								4160		
H-1	28	1	83	200	WM-185	1275	60	WM-189	700	62								4480		
H-1	29	1	83	201	WM-185	1428	60	WM-189	793	62								5120		
H-1	29	1	83	202	WM-185	1046	60	WM-189	771	62								5040		
H-1	30	1	83	203	WM-185	1224	60	WM-189	723	62								4480		
H-1	31	1	83	204	WM-185	1244	60	WM-189	698	62								4646		
H-1	31	1	83	205	Returned to tank Farm															
H-1	13	3	83	DB	Dolomite Bed (approx. 99 cubic feet)															
H-1	14	3	83	205C	Cold									6977	92					
H-1	14	3	83	DB	Dolomite Bed (approx. 17 cubic feet)															
H-1	14	3	83	DB	Dolomite Bed (approx. 17 cubic feet)															
H-1	19	3	83	DB	Dolomite Bed (approx. 17 cubic feet)															
H-1	19	3	83	206C	Cold									1162	92					
H-1	21	3	83	207C	Cold									1162	92					
H-1	22	3	83	208C	Cold											2273	2.2	13.0		
H-1	23	3	83	209C	Cold											2273	2.2	13.0		
H-1	23	3	83	210	WM-185	1658	60													
H-1	24	3	83	211	WM-185	1835	60													
H-1	25	3	83	212	WM-185	1657	60													
H-1	26	3	83	213	WM-185	1964	60													
H-1	26	3	83	214	WM-185	1785	60													
H-1	27	3	83	215	WM-185	1862	60													
H-1	27	3	83	216	WM-185	1836	60													
H-1	28	3	83	217	WM-185	1836	60													
H-1	29	3	83	218	WM-185	1887	60													
H-1	29	3	83	219	WM-185	2168	60													
H-1	30	3	83	220	WM-185	1504	60													
H-1	31	3	83	221	WM-185	1811	60													
H-1	31	3	83	222	WM-185	1402	60	WM-189	600	63										
H-1	1	4	83	223	WM-185	1122	60	WM-189	492	63										
H-1	2	4	83	224	WM-185	1607	60	WM-189	564	63										
H-1	2	4	83	225	WM-185	1453	60	WM-189	565	63										
H-1	3	4	83	226	WM-185	1785	60	WM-189	673	63										
H-1	3	4	83	227	WM-185	1785	60	WM-189	608	63										
H-1	4	4	83	228	WM-185	1581	60	WM-189	641	63										
H-1	5	4	83	229	WM-185	1785	60	WM-189	682	63										
H-1	5	4	83	230	WM-185	1606	60	WM-189	582	63										
H-1	6	4	83	231	WM-185	1530	60	WM-189	661	63										
H-1	7	4	83	232	WM-185	1530	60	WM-189	580	63										
H-1	7	4	83	233	WM-185	1529	60	WM-189	603	63										
H-1	8	4	83	234	WM-185	1913	60	WM-189	869	63										
H-1	9	4	83	235	WM-185	1657	60	WM-189	619	63										
H-1	9	4	83	236	WM-185	1530	60	WM-189	592	63										
H-1	10	4	83	237	WM-185	1658	60	WM-189	660	63										
H-1	11	4	83	238	WM-185	1733	60	WM-189	605	63										
H-1	11	4	83	239	WM-185	1759	60	WM-189	592	63										
H-1	12	4	83	240	WM-185	1632	60	WM-189	660	63										
H-1	13	4	83	241	WM-185	1811	60	WM-189	716	63										
H-1	13	4	83	242	WM-185	1760	60	WM-189	586	63										
H-1	14	4	83	243	WM-185	1530	60	WM-189	581	63										
H-1	14	4	83	244	WM-185	1785	60	WM-189	661	63										
H-1	15	4	83	245	WM-185	1249	60	WM-189	486	63										
H-1	16	4	83	246	WM-185	1402	60	WM-189	510	63										
H-1	16	4	83	247	WM-185	1657	60	WM-189	651	63										
H-1	17	4	83	248	WM-185	1530	60	WM-189	595	63										
H-1	18	4	83	249	WM-185	1658	60	WM-189	670	63										
H-1	18	4	83	250	WM-185	1683	60	WM-189	667	63										
H-1	19	4	83	251	WM-185	1556	60	WM-189	670	63										
H-1	19	4	83	252	WM-185	1785	60	WM-189	584	63										
H-1	20	4	83	253	WM-185	1887	60	WM-189	684	63										

Table A4. Calciner Feed to Calcined Solids Storage Facility IV. (continued)

NWCF					Feed Stream										Cold Chemicals				
Date		Batch		1		2		3		Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>		H <sub>3</sub> BO <sub>3</sub>		Ca(NO <sub>3</sub> ) <sub>2</sub>			
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-1	21	4	83	254	WM-185	1709	60	WM-189	583	63								4960	
H-1	21	4	83	255	WM-185	1604	60	WM-189	702	63								5120	
H-1	22	4	83	256	WM-185	1785	60	WM-189	632	63								5280	
H-1	22	4	83	257	WM-185	1580	60	WM-189	647	63								5120	
H-1	23	4	83	258	WM-185	1633	60	WM-189	657	63								4960	
H-1	24	4	83	259	WM-185	1530	60	WM-189	688	63								4960	
H-1	25	4	83	260	WM-185	1683	60	WM-189	577	63								5040	
H-1	25	4	83	261	WM-185	1785	60	WM-189	669	63								4960	
H-1	26	4	83	262	WM-185	1555	60	WM-189	659	63								5360	
H-1	26	4	83	263	WM-185	1734	60	WM-189	613	63								5040	
H-1	27	4	83	264	WM-185	1785	60	WM-189	659	63								5200	
H-1	28	4	83	265	WM-185	1786	60	WM-189	710	63								5760	
H-1	28	4	83	266	WM-185	1836	60	WM-189	636	63								5040	
H-1	29	4	83	267	WM-185	1734	60	WM-189	649	63								4800	
H-1	29	4	83	268	WM-185	1760	60	WM-189	712	63								5280	
H-1	30	4	83	269	WM-185	1836	60	WM-189	633	63								4880	
H-1	1	5	83	270	WM-185	1551	60	WM-189	644	63								4720	
H-1	1	5	83	271	WM-185	1581	60	WM-189	690	63								4560	
H-1	2	5	83	272	WM-185	1581	60	WM-189	654	63								4640	
H-1	2	5	83	273	WM-185	1606	60	WM-189	605	63								4640	
H-1	3	5	83	274	WM-185	1607	60	WM-189	660	63								4560	
H-1	4	5	83	275	WM-185	1887	60	WM-189	799	63								5280	
H-1	4	5	83	276	WM-185	1862	60	WM-189	672	63								5360	
H-1	5	5	83	277	WM-185	1989	60	WM-189	677	63								5520	
H-1	6	5	83	278	WM-185	1071	60	WM-189	422	63								3040	
H-1	6	5	83	279	WM-185	1633	60	WM-189	605	63								4640	
H-1	7	5	83	280	WM-185	1760	60	WM-189	644	63								4880	
H-1	7	5	83	281	WM-185	1658	60	WM-189	666	63								4560	
H-1	8	5	83	282	WM-185	1632	60	WM-189	591	63								4800	
H-1	9	5	83	283	WM-185	1657	60	WM-189	665	63								4560	
H-1	9	5	83	284	WM-185	1581	60	WM-189	574	63								4560	
H-1	10	5	83	285	WM-185	1785	60	WM-189	692	63								5760	
H-1	10	5	83	286	WM-185	1581	60	WM-189	621	63								5120	
H-1	11	5	83	287	WM-185	1836	60	WM-189	640	63								5520	
H-1	12	5	83	288	WM-185	1632	60	WM-189	605	63								5440	
H-1	12	5	83	289	WM-185	1760	60	WM-189	717	63								5680	
H-1	13	5	83	290	WM-185	1633	60	WM-189	590	63								5360	
H-1	13	5	83	291	WM-185	1811	60	WM-189	628	63								5600	
H-1	14	5	83	292	WM-185	1581	60	WM-189	669	63								5360	
H-1	15	5	83	293	WM-185	1683	60	WM-189	661	63								5360	
H-1	15	5	83	294	WM-185	1607	60	WM-189	625	63								5440	
H-1	16	5	83	295	WM-185	1591	60	WM-189	798	63								5440	
H-1	16	5	83	296	WM-185	1620	60	WM-189	611	63								5280	
H-1	17	5	83	297	WM-185	1658	60	WM-189	705	63								5280	
H-1	18	5	83	298	WM-185	1657	60	WM-189	584	63								5280	
H-1	18	5	83	299	WM-185	1530	60	WM-189	697	63								5280	
H-1	19	5	83	300	WM-185	1785	60	WM-189	619	63								5520	
H-1	19	5	83	301	WM-185	1836	60	WM-189	628	63								5760	
H-1	20	5	83	302	WM-185	1785	60	WM-189	629	63								5360	
H-1	21	5	83	303	WM-185	1632	60	WM-189	604	63								5280	
H-1	21	5	83	304	WM-185	1657	60	WM-189	612	63								5440	
H-1	22	5	83	305	WM-185	1607	60	WM-189	595	63								5200	
H-1	22	5	83	306	WM-185	1632	60	WM-189	617	63								5360	
H-1	23	5	83	307	WM-185	1785	60	WM-189	585	63								5440	
H-1	24	5	83	308	WM-185	1862	60	WM-189	654	63								6240	
H-1	24	5	83	309	WM-185	1785	60	WM-189	660	63								5280	
H-1	25	5	83	310	WM-185	1682	60	WM-189	613	63								5520	
H-1	26	5	83	311	WM-185	1581	60	WM-189	577	63								5280	
H-1	26	5	83	312	WM-185	1785	60	WM-189	614	63								5440	
H-1	27	5	83	313	WM-185	1683	60	WM-189	658	63								5280	
H-1	27	5	83	314	WM-185	1683	60	WM-189	595	63								5440	
H-1	28	5	83	315	WM-185	1785	60	WM-189	641	63								5760	
H-1	29	5	83	316	WM-185	1530	60	WM-189	600	63								5280	
H-1	29	5	83	317	WM-185	1658	60	WM-189	587	63								5280	
H-1	30	5	83	318	WM-185	1606	60	WM-189	663	63								5440	
H-1	31	5	83	319	WM-185	1619	60	WM-189	668	63								5280	
H-1	31	5	83	320	WM-185	1683	60	WM-189	648	63								5440	
H-1	1	6	83	321	WM-185	1658	60	WM-189	601	63								5200	

Table A4. Calciner Feed to Calcined Solids Storage Facility IV. (continued)

NWCF	Date			Batch	Feed Stream										Cold Chemicals				
					1			2		3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>		
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-1	1	6	83	322	WM-185	1631	60	WM-189	587	63								5360	
H-1	2	6	83	323	WM-185	1530	60	WM-189	590	63								5120	
H-1	3	6	83	324	WM-185	1658	60	WM-189	597	63								5360	
H-1	3	6	83	325	WM-185	1658	60	WM-189	595	63								5360	
H-1	4	6	83	326	WM-185	1709	60	WM-189	735	63								5600	
H-1	5	6	83	327	WM-185	1735	60	WM-189	683	63								5360	
H-1	5	6	83	328	WM-185	1543	60	WM-189	626	63								5440	
H-1	6	6	83	329	WM-185	1479	60	WM-189	524	63								4880	
H-1	6	6	83	330	WM-185	1683	60	WM-189	621	63								5520	
H-1	7	6	83	331	WM-185	1658	60	WM-189	686	63								5440	
H-1	8	6	83	332	WM-185	1607	60	WM-189	593	63								5360	
H-1	8	6	83	333	WM-185	1709	60	WM-189	625	63								5360	
H-1	9	6	83	334	WM-185	1555	60	WM-189	589	63								5360	
H-1	10	6	83	335	WM-185	1683	60	WM-189	597	63								5280	
H-1	10	6	83	336	WM-185	1657	60	WM-189	647	63								5520	
H-1	11	6	83	337	WM-185	1632	60	WM-189	611	63								5280	
H-1	11	6	83	338	WM-185	2116	60											4960	
H-1	12	6	83	339	WM-185	2295	60											5040	
H-1	13	6	83	340	WM-185	2116	60											4960	
H-1	13	6	83	341	WM-185	2218	60											4960	
H-1	14	6	83	342	WM-185	1760	60	WM-189	611	63								5440	
H-1	14	6	83	343	WM-185	1632	60	WM-189	582	63								5440	
H-1	15	6	83	344	WM-185	1658	60	WM-189	592	63								5360	
H-1	16	6	83	345	WM-185	1606	60	WM-189	540	63								4960	
H-1	16	6	83	346	WM-185	1657	60	WM-189	642	63								5360	
H-1	17	6	83	347	WM-185	1581	60	WM-189	680	63								5360	
H-1	17	6	83	348	WM-185	1734	60	WM-189	614	63								5360	
H-1	18	6	83	349	WM-185	1580	60	WM-189	659	63								5280	
H-1	19	6	83	350	WM-185	1709	60	WM-189	609	63								5440	
H-1	19	6	83	351	WM-185	1607	60	WM-189	689	63								5360	
H-1	20	6	83	352	WM-185	1734	60	WM-189	720	63								6000	
H-1	21	6	83	353	WM-185	1786	60	WM-189	605	63								5440	
H-1	21	6	83	354	WM-185	1734	60	WM-189	630	63								5440	
H-1	22	6	83	355	WM-185	1582	60	WM-189	612	63								5280	
H-1	22	6	83	356	WM-185	1683	60	WM-189	605	63								5600	
H-1	23	6	83	357	WM-185	1581	60	WM-189	601	63								5200	
H-1	24	6	83	358	WM-185	1708	60	WM-189	573	63								5200	
H-1	24	6	83	359	WM-185	1810	60	WM-189	644	63								5360	
H-1	25	6	83	360	WM-185	1071	60	WM-189	658	63	WM-188	471	66					5200	
H-1	25	6	83	361	WM-188	1778	66	WM-189	632	63								4960	
H-1	26	6	83	362	WM-188	1883	66	WM-189	705	63								5280	
H-1	27	6	83	363	WM-188	1700	66	WM-189	660	63								4800	
H-1	27	6	83	364	WM-188	1674	66	WM-189	582	63								4800	
H-1	28	6	83	365	WM-188	1779	66	WM-189	678	63								4720	
H-1	29	6	83	366	WM-188	1674	66	WM-189	584	63								4800	
H-1	29	6	83	367	WM-188	1726	66	WM-189	595	63								4800	
H-1	30	6	83	368	WM-188	2380	66											4480	
H-1	1	7	83	369	WM-188	1831	66	WM-189	482	63								5120	
H-1	1	7	83	370	WM-188	1962	66	WM-189	494	63								4640	
H-1	2	7	83	371	WM-188	1857	66	WM-189	490	63								4560	
H-1	3	7	83	372	WM-188	1909	66	WM-189	558	63								4560	
H-1	3	7	83	373	WM-188	1962	66	WM-189	595	63								4800	
H-1	4	7	83	374	WM-188	1936	66	WM-189	496	63								4640	
H-1	5	7	83	375	WM-188	1857	66	WM-189	552	63								4400	
H-1	5	7	83	376	WM-188	1988	66	WM-189	560	63								4800	
H-1	6	7	83	377	WM-188	2040	66	WM-189	530	63								4880	
H-1	6	7	83	378	WM-188	1854	66	WM-189	483	63								4640	
H-1	7	7	83	379	WM-188	1988	66	WM-189	547	63								4800	
H-1	8	7	83	380	WM-188	1883	66	WM-189	539	63								4960	
H-1	8	7	83	381	WM-188	1582	66	WM-189	458	63								4160	
H-1	9	7	83	382	WM-188	1752	66	WM-189	431	63								4160	
H-1	10	7	83	383	WM-188	1752	66	WM-189	435	63								4080	
H-1	10	7	83	384	WM-188	1727	66	WM-189	493	63								4160	
H-1	11	7	83	385	WM-188	1701	66	WM-189	463	63								4160	
H-1	12	7	83	386	WM-188	1700	66	WM-189	427	63								4240	
H-1	12	7	83	387	WM-188	1752	66	WM-189	506	63								4240	
H-1	13	7	83	388	WM-188	1753	66	WM-189	408	63								4160	
H-1	13	7	83	389	WM-188	1570	66	WM-189	383	63								3680	

Table A4. Calciner Feed to Calcined Solids Storage Facility IV. (continued)

NWCF	Date			Batch	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-1	14	7	83	390	WM-188	1616	66	WM-189	479	63								4160
H-1	15	7	83	391	WM-188	1805	66	WM-189	490	63								4400

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Table A5. Calciner Feed to Calcined Solids Storage Facility V.

NWCF	Date			Batch	No.	tank	Feed Stream						Cold Chemicals				
							1		2		3		Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>		Ca(NO <sub>3</sub> ) <sub>2</sub>
							gal	code	gal	code	gal	code	gal	M	M	kg	lb
H-1	15	7	83	392	WM-188	1883	66	WM-189	485	63							4640
H-1	16	7	83	393	WM-188	1961	66	WM-189	496	63							4640
H-1	17	7	83	394	WM-188	1465	66	WM-189	449	63							3920
H-1	17	7	83	395	WM-188	2040	66	WM-189	487	63							4640
H-1	18	7	83	396	WM-188	1700	66	WM-189	463	63							4080
H-1	19	7	83	397	WM-188	1647	66	WM-189	451	63							4160
H-1	19	7	83	398	WM-188	2093	66	WM-189	614	63							4960
H-1	20	7	83	399	WM-188	1569	66	WM-189	587	63	WM-102	593	73				4160
H-1	20	7	83	400	WM-188	1344	66	WM-189	474	63	WM-102	479	73				3680
H-1	21	7	83	401	WM-188	1569	66	WM-189	520	63	WM-102	527	73				4160
H-1	22	7	83	402	WM-188	1465	66	WM-189	473	63	WM-102	479	73				4160
H-1	22	7	83	403	WM-188	1543	66	WM-189	514	63	WM-102	519	73				4080
H-1	23	7	83	404	WM-188	1569	66	WM-189	596	63	WM-102	602	73				4400
H-1	24	7	83	405	WM-188	1465	66	WM-189	590	63	WM-102	597	73				4160
H-1	24	7	83	406	WM-188	1505	66	WM-189	459	63	WM-102	465	73				3840
H-1	25	7	83	407	WM-188	1648	66	WM-189	531	63	WM-102	530	73				4160
H-1	26	7	83	408	WM-188	1438	66	WM-189	523	63	WM-102	522	73				4080
H-1	26	7	83	409	WM-188	1387	66	WM-189	439	63	WM-102	438	73				3600
H-1	27	7	83	410	WM-188	1151	66	WM-189	457	63	WM-102	456	73				3680
H-1	27	7	83	411	WM-188	1428	66	WM-189	503	63	WM-102	502	73				3920
H-1	28	7	83	412	WM-188	1308	66	WM-189	500	63	WM-102	499	73				3840
H-1	28	7	83	413	WM-188	1648	66	WM-189	560	63	WM-102	558	73				4400
H-1	29	7	83	414	WM-188	1386	66	WM-189	516	63	WM-102	571	73				4100
H-1	30	7	83	415	WM-188	1543	66	WM-189	497	63	WM-102	551	73				4080
H-1	30	7	83	416	WM-188	1360	66	WM-189	585	63	WM-102	647	73				4000
H-1	31	7	83	417	WM-188	1465	66	WM-189	595	63	WM-102	594	73				4000
H-1	1	8	83	418	WM-188	1386	66	WM-189	570	63	WM-102	569	73				4080
H-1	1	8	83	419	WM-188	1308	66	WM-189	609	63	WM-102	608	73				3680
H-1	2	8	83	420	WM-188	1308	66	WM-189	589	63	WM-102	589	73				4000
H-1	3	8	83	421	WM-188	1412	66	WM-189	593	63	WM-102	592	73				4000
H-1	3	8	83	422	WM-188	1203	66	WM-189	637	63	WM-102	637	73				4000
H-1	4	8	83	423	WM-188	1255	66	WM-189	474	63	WM-102	443	73				3360
H-1	4	8	83	424	WM-188	1360	66	WM-189	617	63	WM-102	577	73				4000
H-1	5	8	83	425	WM-188	1543	66	WM-189	713	63	WM-102	667	73				4240
H-1	6	8	83	426	WM-188	1491	66	WM-189	620	63	WM-102	580	73				4080
H-1	6	8	83	427	WM-188	1308	66	WM-189	568	63	WM-102	532	73				3680
H-1	7	8	83	428	WM-188	1405	66	WM-189	620	63	WM-102	580	73				4080
H-1	8	8	83	429	WM-188	1334	66	WM-189	593	63	WM-102	591	74				3920
H-1	8	8	83	430	WM-188	1282	66	WM-189	497	63	WM-102	497	74				3440
H-1	9	8	83	431	WM-188	1308	66	WM-189	542	63	WM-102	541	74				3680
H-1	10	8	83	432	WM-188	1259	66	WM-189	537	63	WM-102	536	74				3680
H-1	10	8	83	433	WM-188	1046	66	WM-189	409	63	WM-102	419	74				3040
H-1	11	8	83	434	WM-188	1308	66	WM-189	638	63	WM-102	654	74				4000
H-1	11	8	83	435	WM-188	1464	66	WM-189	657	63	WM-102	674	74				4000
H-1	12	8	83	436	WM-188	1543	66	WM-189	605	63	WM-102	622	74				4400
H-1	13	8	83	437	WM-188	1464	66	WM-189	583	63	WM-102	599	74				4000
H-1	13	8	83	438	WM-188	1308	66	WM-189	692	63	WM-102	710	74				3920
H-1	14	8	83	439	WM-188	1308	66	WM-189	710	63	WM-102	688	74				3920
H-1	14	8	83	440	WM-188	1281	66	WM-189	677	63	WM-102	655	74				3840
H-1	15	8	83	441	WM-188	1282	66	WM-189	744	63	WM-102	721	74				3760
H-1	16	8	83	442	WM-188	1282	66	WM-189	667	63	WM-102	667	74				4000
H-1	16	8	83	443	WM-188	1308	66	WM-189	662	63	WM-102	662	74				3840
H-1	17	8	83	444	WM-188	1307	66	WM-189	736	63	WM-102	736	74				3920
H-1	17	8	83	445	WM-188	1307	66	WM-189	681	63	WM-102	681	74				3840
H-1	18	8	83	446	WM-188	1229	66	WM-189	736	63	WM-102	735	74				3920
H-1	19	8	83	447	WM-188	1255	66	WM-189	672	63	WM-102	672	74				3680
H-1	19	8	83	448	WM-188	1098	66	WM-189	573	63	WM-102	573	74				3440
H-1	20	8	83	449	WM-188	1255	66	WM-189	640	63	WM-102	640	74				3680
H-1	21	8	83	450	WM-188	1177	66	WM-189	713	63	WM-102	714	74				3760
H-1	21	8	83	451	WM-188	1282	66	WM-189	669	63	WM-102	643	74				3760
H-1	22	8	83	452	WM-188	1229	66	WM-189	712	63	WM-102	686	74				3840
H-1	22	8	83	453	WM-188	1255	66	WM-189	669	63	WM-102	644	74				3760
H-1	23	8	83	454	WM-188	1177	66	WM-189	662	63	WM-102	656	74				3760
H-1	24	8	83	455	WM-188	1254	66	WM-189	667	63	WM-102	670	74				3760
H-1	24	8	83	456	WM-188	1196	66	WM-189	667	63	WM-102	625	74				3680
H-1	25	8	83	457	WM-188	1177	66	WM-189	644	63	WM-102	747	74				3760
H-1	26	8	83	458	WM-188	1282	66	WM-189	694	63	WM-102	600	74				3760

Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF	Date			Batch No.	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-1	26	8	83	459	WM-188	1307	66	WM-189	645	63	WM-102	694	74					3840
H-1	27	8	83	460	WM-188	1308	66	WM-189	668	63	WM-102	802	74					4160
H-1	27	8	83	461	WM-188	1020	66	WM-189	733	63	WM-102	595	74					3200
H-1	28	8	83	462	WM-188	1125	66	WM-189	662	63	WM-102	735	74					3840
H-1	29	8	83	463	WM-188	1177	66	WM-189	697	63	WM-100	667	71					3680
H-1	29	8	83	464	WM-188	1883	66	WM-189	521	63								4480
H-1	30	8	83	465	WM-188	1883	66	WM-189	494	63								4480
H-1	30	8	83	466	WM-188	1883	66	WM-189	488	63								4560
H-1	31	8	83	467	WM-188	1909	66	WM-189	500	63								4560
H-1	1	9	83	468	WM-188	1770	66	WM-189	498	63								4480
H-1	1	9	83	469	WM-188	1831	66	WM-189	558	63								4480
H-1	2	9	83	470	WM-188	1936	66	WM-189	487	63								4560
H-1	2	9	83	471	WM-188	1909	66	WM-189	353	63								4480
H-1	3	9	83	472	WM-187	2083	67	WM-184	282	65								7280
H-1	4	9	83	473	WM-187	2186	67	WM-184	248	65								7280
H-1	5	9	83	474	WM-187	2288	67	WM-184	223	65								7440
H-1	5	9	83	475	WM-187	2083	67	WM-184	280	65								7120
H-1	6	9	83	476	WM-187	2109	67	WM-184	254	65								7280
H-1	6	9	83	477	WM-187	2132	67	WM-184	233	65								7040
H-1	7	9	83	478	WM-187	2031	67	WM-184	265	65								7040
H-1	8	9	83	479	WM-187	2135	67	WM-184	306	65								6480
H-1	8	9	83	480	WM-187	2058	67	WM-184	263	65								6640
H-1	9	9	83	481	WM-187	2160	67	WM-184	278	65								6960
H-1	10	9	83	482	WM-187	2212	67	WM-184	244	65								6720
H-1	10	9	83	483	WM-187	2237	67	WM-184	242	65								6720
H-1	11	9	83	484	WM-187	2314	67	WM-184	247	65								6320
H-1	11	9	83	485	WM-187	2160	67	WM-184	261	65								6480
H-1	12	9	83	486	WM-187	2597	67											3240
H-1	13	9	83	487	WM-187	2545	67											5760
H-1	14	9	83	488	WM-187	5494	67											5920
H-1	15	9	83	489	WM-187	2391	67											6000
H-1	15	9	83	490	WM-187	2443	67											6000
H-1	16	9	83	491	WM-187	2263	67											5760
H-1	17	9	83	492	WM-187	2005	67											4880
H-1	17	9	83	493	WM-187	2186	67											5520
H-1	18	9	83	494	WM-187	2134	67											5360
H-1	19	9	83	495	WM-187	1941	67											4800
H-1	19	9	83	496	WM-187	2006	67											5280
H-1	20	9	83	497	WM-187	2185	67											5280
H-1	21	9	83	498	WM-187	1980	67											4880
H-1	22	9	83	499	WM-182	2133	68										54.5	880
H-1	22	9	83	500	WM-182	2412	68										58.2	960
H-1	23	9	83	501	WM-182	2412	68										57.3	960
H-1	24	9	83	502	WM-182	2056	68										50.5	800
H-1	25	9	83	503	WM-182	2235	68										50.5	800
H-1	26	9	83	504	WM-182	2260	68										55.0	880
H-1	27	9	83	505	WM-182	2057	68										9.6	800
H-1	28	9	83	506	WM-182	2031	68										9.6	800
H-1	28	9	83	507	WM-182	2073	68										22.5	800
H-1	29	9	83	508	WM-182	2286	68										23.6	880
H-1	30	9	83	509	WM-182	1980	68										20.6	800
H-1	1	10	83	510	WM-182	2108	68										9.4	800
H-1	2	10	83	511	WM-182	1981	68										8.9	720
H-1	2	10	83	512	WM-182	1913	68										9.4	800
H-1	3	10	83	513	WM-182	2184	68										10.3	880
H-1	4	10	83	514	WM-182	1828	68										9.3	800
H-1	5	10	83	515	WM-182	1727	68										9.8	640
H-1	6	10	83	516	WM-182	1701	68										8.0	640
H-1	6	10	83	517	WM-182	2083	68										9.4	800
H-1	7	10	83	518				WM-100	2111	72							10.0	160
H-1	8	10	83	519				WM-100	1550	72							7.3	120
H-1	9	10	83	520				WM-100	1070	72							6.0	100
H-1	10	10	83	521				WM-100	1080	72							6.0	100
H-1	13	1	84	101C	Cold									2515	2.2		70.0	
H-1	14	1	84	102C	Cold									2538	2.2		70.0	
H-1	15	1	84	103C	Cold									1297	2.2		60.0	
H-1	16	1	84	522	WM-188	523	66	WM-189	252	63	WM-102	252	74					2080
H-1	17	1	84	523	WM-188	710	66	WM-189	389	63	WM-102	388	74					2400



Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF						Feed Stream								Cold Chemicals					
	Date			Batch	1	2			3	Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>					
	Camp	d	mo	yr		No.	tank	gal		code	tank	gal	code	tank	gal	code	gal	M	M
H-1	17	1	84	524	WM-188	967	66	WM-189	504	63	WM-102	503	74						2880
H-1	18	1	84	525	WM-188	968	66	WM-189	501	63	WM-102	501	74						2880
H-1	19	1	84	526	WM-188	1020	66	WM-189	560	63	WM-102	560	74						3120
H-1	19	1	84	527	WM-188	942	66	WM-189	524	63	WM-102	524	74						3040
H-1	20	1	84	528	WM-188	785	66	WM-189	456	63	WM-102	456	74						2480
H-1	20	1	84	529	WM-188	1046	66	WM-189	406	63	WM-102	406	74						2880
H-1	21	1	84	530	WM-188	1204	66	WM-189	664	63	WM-102	663	74						3520
H-1	21	1	84	531	WM-188	967	66	WM-189	620	63	WM-102	619	74						3360
H-1	22	1	84	532	WM-188	1177	66	WM-189	478	63	WM-102	477	74						3280
H-1	22	1	84	533	WM-188	1124	66	WM-189	653	63	WM-102	653	74						3600
H-1	23	1	84	534	WM-188	1177	66	WM-189	674	63	WM-102	673	74						3520
H-1	24	1	84	535	WM-188	1203	66	WM-189	663	63	WM-102	662	74						3760
H-1	24	1	84	536	WM-188	1150	66	WM-189	689	63	WM-102	689	74						3600
H-1	25	1	84	537	WM-188	994	66	WM-189	648	63	WM-102	648	74						3520
H-1	25	1	84	538	WM-188	1125	66	WM-189	539	63	WM-102	538	74						3360
H-1	26	1	84	539	WM-188	863	66	WM-189	465	63	WM-102	960	74						3200
H-1	27	1	84	540	WM-188	837	66	WM-189	454	63	WM-102	937	74						3200
H-1	27	1	84	541	WM-188	837	66	WM-189	343	63	WM-102	1024	74						3200
H-1	28	1	84	542	WM-188	967	66	WM-189	416	63	WM-102	1015	74						3360
H-1	29	1	84	543	WM-188	1046	66	WM-189	514	63	WM-102	1050	74						3760
H-1	29	1	84	544	WM-188	1046	66	WM-189	539	63	WM-102	1103	74						3600
H-1	30	1	84	545	WM-188	942	66	WM-189	441	63	WM-102	1051	74						3520
H-1	31	1	84	546	WM-188	1020	66	WM-189	490	63	WM-102	1104	74						3600
H-1	1	2	84	547	WM-188	1047	66	WM-189	489	63	WM-102	1100	74						3760
H-1	1	2	84	548	WM-188	994	66	WM-189	489	63	WM-102	1026	74						3440
H-1	2	2	84	549	WM-188	994	66	WM-189	441	63	WM-102	1128	74						3600
H-1	2	2	84	550	WM-188	994	66	WM-189	514	63	WM-102	1061	74						3440
H-1	3	2	84	551	WM-188	1046	66	WM-189	513	63	WM-102	1112	74						3600
H-1	4	2	84	552	WM-188	1099	66	WM-189	537	63	WM-102	1155	74						3680
H-1	4	2	84	553	WM-188	967	66	WM-189	465	63	WM-102	991	74						3360
H-1	5	2	84	554	WM-188	1019	66	WM-189	515	63	WM-102	1060	74						3440
H-1	5	2	84	555	WM-188	1072	66	WM-189	465	63	WM-102	950	74						3760
H-1	6	2	84	556	WM-188	968	66	WM-189	539	63	WM-102	1084	74						3520
H-1	7	2	84	557	WM-188	784	66	WM-189	367	63	WM-102	905	74						3040
H-1	7	2	84	558	WM-188	863	66	WM-189	490	63	WM-102	991	74						3360
H-1	8	2	84	559	WM-188	889	66	WM-189	489	63	WM-102	1043	74						3360
H-1	9	2	84	560	WM-188	889	66	WM-189	465	63	WM-102	1124	74						3520
H-1	9	2	84	561	WM-188	968	66	WM-189	465	63	WM-102	997	74						3360
H-1	10	2	84	562	WM-188	2171	66												4640
H-1	11	2	84	563	WM-188	2223	66												3920
H-1	12	2	84	564	WM-188	2276	66												3840
H-1	13	2	84	565	WM-188	2406	66												4240
H-1	14	2	84	566	WM-188	2563	66												4240
H-1	14	2	84	567	WM-188	811	66	WM-189	465	63	WM-102	1077	74						3280
H-1	15	2	84	568	WM-188	889	66	WM-189	465	63	WM-102	868	74						2960
H-1	16	2	84	569	WM-188	915	66	WM-189	490	63	WM-102	997	74						3360
H-1	17	2	84	570	WM-188	994	66	WM-189	465	63	WM-102	998	74						3360
H-1	18	2	84	571	WM-188	864	66	WM-189	441	63	WM-102	993	74						3280
H-1	19	2	84	572	WM-188	889	66	WM-189	489	63	WM-102	870	74						2960
H-1	19	2	84	573	WM-188	941	66	WM-189	538	63	WM-102	900	74						3440
H-1	20	2	84	574	WM-188	994	66	WM-189	466	63	WM-102	990	74						3360
H-1	21	2	84	575	WM-188	883	66	WM-189	440	63	WM-102	1015	74						3360
H-1	22	2	84	576	WM-188	1020	66	WM-189	465	63	WM-102	1092	74						3440
H-1	23	2	84	577	WM-188	916	66	WM-189	489	63	WM-102	1038	74						3440
H-1	23	2	84	578	WM-188	860	66	WM-189	367	63	WM-102	875	74						3040
H-1	24	2	84	579	WM-188	820	66	WM-189	416	63	WM-102	820	74						2880
H-1	25	2	84	580	WM-188	915	66	WM-189	466	63	WM-102	1003	74						3200
H-1	25	2	84	581	WM-188	889	66	WM-189	490	63	WM-102	1012	74						3360
H-1	26	2	84	582	WM-188	968	66	WM-189	465	63	WM-102	1057	74						3280
H-1	27	2	84	583	WM-188	915	66	WM-189	465	63	WM-102	997	74						3360
H-1	27	2	84	584	WM-188	968	66	WM-189	489	63	WM-102	1000	74						3280
H-1	28	2	84	585	WM-188	968	66	WM-189	490	63	WM-102	1032	74						3440
H-1	29	2	84	586	WM-188	1046	66	WM-189	490	63	WM-102	1071	74						3440
H-1	29	2	84	587	WM-188	1099	66	WM-189	490	63	WM-102	1149	74						3760
H-1	1	3	84	588	WM-188	941	66	WM-189	538	63	WM-102	775	74						2960
H-1	2	3	84	589	WM-188	967	66	WM-189	465	63	WM-102	997	74						3440
H-1	2	3	84	590	WM-188	942	66	WM-189	441	63	WM-102	1316	74						3520
H-1	3	3	84	591	WM-188	864	66	WM-189	490	63	WM-102	1070	74						3440

Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF					Feed Stream												Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>				
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb			
H-1	4	3	84	592	WM-188	836	66	WM-189	490	63	WM-102	1069	74					3440			
H-1	4	3	84	593	WM-188	1046	66	WM-189	515	63	WM-102	888	74					3280			
H-1	5	3	84	594	WM-188	1020	66	WM-189	514	63	WM-102	900	74					3520			
H-1	5	3	84	595	WM-188	994	66	WM-189	490	63	WM-102	1007	74					3440			
H-1	6	3	84	596							WM-102	2350	74				13.0	480			
H-1	7	3	84	597							WM-102	2100	74				12.5	480			
H-1	7	3	84	598							WM-102	2720	74				13.7	560			
H-1	8	3	84	599							WM-102	2000	74				14.0	480			
H-1	9	3	84	600							WM-102	2250	74				13.0	480			
H-1	9	3	84	601							WM-102	1975	74				12.7	400			
H-1	10	3	84	602							WM-102	1710	74				10.1	320			
H-1	10	3	84	603							WM-102	1677	74				10.2	320			
H-1	11	3	84	604	WM-188	915	66	WM-189	538	63	WM-102	900	74					3360			
H-1	11	3	84	605	WM-188	994	66	WM-189	465	63	WM-102	825	74					3440			
H-1	12	3	84	606	WM-188	785	66	WM-189	489	63	WM-102	937	74					3120			
H-1	13	3	84	607	WM-188	785	66	WM-189	343	63	WM-102	903	74					2800			
H-1	13	3	84	608	WM-188	1020	66	WM-189	465	63	WM-102	1042	74					3280			
H-1	14	3	84	609	WM-188	968	66	WM-189	440	63	WM-102	988	74					3280			
H-1	15	3	84	610	WM-188	706	66	WM-189	440	63	WM-102	1101	74					3280			
H-1	15	3	84	611	WM-188	889	66	WM-189	465	63	WM-102	850	74					3360			
H-1	16	3	84	612	WM-188	942	66	WM-189	490	63	WM-102	971	74					3360			
H-1	16	3	84	613							WM-102	2209	74					1680			
H-1	16	4	84	DB	Dolomite Bed (approx. 100 cubic feet)							7014	92								
H-1	17	4	84	001C	Cold									3175	2.2		14.9				
H-1	18	4	84	DB	Dolomite Bed (approx. 15 cubic feet)							1052	92								
H-1	18	4	84	002C	Cold									1600	2.2		7.5				
H-1	20	4	84	614				WM-189	734	70	WM-102	1350	74					2080			
H-1	21	4	84	615				WM-189	636	70	WM-102	1600	74					2000			
H-1	21	4	84	616				WM-189	734	70	WM-102	1450	74					2080			
H-1	22	4	84	617				WM-189	808	70	WM-102	1600	74					2160			
H-1	22	4	84	618				WM-189	734	70	WM-102	1550	74					2160			
H-1	24	4	84	619				WM-189	790	70	WM-102	1550	74					1680			
H-1	24	4	84	620				WM-189	1127	70	WM-102	1850	74					2160			
H-1	25	4	84	621				WM-189	826	70	WM-102	1500	74					1760			
H-1	26	4	84	622				WM-189	1126	70	WM-102	1850	74					2160			
H-1	26	4	84	623				WM-189	571	70	WM-102	2260	74					2000			
H-1	27	4	84	624				WM-189	657	70	WM-102	2400	74					2240			
H-1	28	4	84	625				WM-189	528	70	WM-102	1765	74					1840			
H-1	28	4	84	626				WM-189	530	70	WM-102	1900	74					1840			
H-1	29	4	84	627				WM-189	576	70	WM-102	2450	74					2240			
H-1	29	4	84	628				WM-189	495	70	WM-102	1950	74					1840			
H-1	30	4	84	629							WM-102	2430	74					1440			
H-1	30	4	84	630							WM-102	2100	74					1280			
H-1	1	5	84	631							WM-102	2800	74					1600			
H-1	1	5	84	632							WM-102	2500	74					1600			
H-1	3	5	84	633							WM-102	2808	74					1600			
H-1	3	5	84	634							WM-102	609	74					400			
H-1	3	5	84	635				WM-189	392	70	WM-102	1850	74					1600			
H-1	4	5	84	636				WM-189	472	70	WM-102	1750	74					1520			
H-1	4	5	84	637				WM-189	543	70	WM-102	2000	74					1600			
H-1	5	5	84	638				WM-189	496	70	WM-102	1950	74					1760			
H-1	5	5	84	639				WM-189	492	70	WM-102	1900	74					1680			
H-1	6	5	84	640				WM-189	475	70	WM-102	1850	74					1520			
H-1	6	5	84	641				WM-189	604	70	WM-102	2151	74					1760			
H-1	7	5	84	642				WM-189	570	70	WM-102	2050	74					1760			
H-1	8	5	84	643				WM-189	575	70	WM-102	1850	74					1600			
H-1	8	5	84	644				WM-189	542	70	WM-102	1800	74					1520			
H-1	9	5	84	645				WM-189	475	70	WM-102	1540	74					1280			
H-1	9	5	84	646				WM-189	511	70	WM-102	1650	74					1360			
H-1	10	5	84	647				WM-189	505	70	WM-102	1520	74					1440			
H-1	10	5	84	648				WM-189	476	70	WM-102	1700	74					1440			
H-1	11	5	84	649							WM-102	2093	74					4720			
H-1	12	5	84	650							WM-102	2249	74					4080			
H-1	12	5	84	651							WM-102	2746	74					4480			
H-1	13	5	84	652							WM-102	2301	74					4000			
H-1	14	5	84	653	WM-187	1157	67	WM-189	972	70								5280			
H-1	14	5	84	654	WM-187	1697	67	WM-189	1062	70								5760			
H-1	15	5	84	655	WM-187	1416	67	WM-189	1072	70								5360			

Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF				Feed Stream												Cold Chemicals			
				1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>			
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-1	16	5	84	656	WM-187	1415	67	WM-189	894	70								5280	
H-1	17	5	84	657	WM-187	1316	67	WM-189	883	70								5280	
H-1	17	5	84	658				WM-189	466	70	WM-102	1950	74					1600	
H-1	18	5	84	659				WM-189	955	70	WM-102	1414	74					5600	
H-1	18	5	84	660				WM-189	637	70	WM-102	2200	74					1840	
H-1	19	5	84	661				WM-189	638	70	WM-102	1825	74					1840	
H-1	20	5	84	662	WM-187	1414	67	WM-189	1133	70								5440	
H-1	20	5	84	663	WM-187	1491	67	WM-189	1011	70								5520	
H-1	21	5	84	664	WM-187	1594	67	WM-189	1053	70								5840	
H-1	22	5	84	665	WM-187	1359	67	WM-189	1050	70								5440	
H-1	23	5	84	666	WM-187	1414	67	WM-189	1172	70								5280	
H-1	24	5	84	667	WM-187	1080	67	WM-189	857	70								4560	
H-1	27	5	84	668	WM-187	1209	67	WM-189	882	70								4480	
H-1	27	5	84	669	WM-187	1234	67	WM-189	753	70								4400	
H-1	28	5	84	670	WM-187	1362	67	WM-189	1067	70								5120	
H-1	29	5	84	671				WM-189	540	70	WM-102	1800	74					1680	
H-1	30	5	84	672				WM-189	581	70	WM-102	1700	74					1680	
H-1	30	5	84	673				WM-189	495	70	WM-102	1800	74					1760	
H-1	31	5	84	674				WM-189	568	70	WM-102	1700	74					1760	
H-1	1	6	84	675				WM-189	438	70	WM-102	1600	74					2240	
H-1	1	6	84	676	WM-187	1542	67	WM-189	979	70								5520	
H-1	2	6	84	677	WM-187	1337	67	WM-189	1034	70								5200	
H-1	3	6	84	678	WM-187	1363	67	WM-189	1165	70								5520	
H-1	4	6	84	679							WM-102	2466	74					1760	
H-1	5	6	84	680	WM-187	2237	67											5520	
H-1	6	6	84	681	WM-187	1260	67	WM-189	897	70								4960	
H-1	6	6	84	682	WM-187	1285	67	WM-189	891	70								5120	
H-1	7	6	84	683	WM-187	1414	67	WM-189	1046	70								5360	
H-1	8	6	84	684	WM-187	617	67	WM-189	777	70	WM-102	1406	74					3200	
H-1	8	6	84	685	WM-187	592	67	WM-189	577	70	WM-102	1112	74					2640	
H-1	9	6	84	686	WM-187	617	67	WM-189	775	70	WM-102	1305	74					3040	
H-1	10	6	84	687	WM-187	566	67	WM-189	677	70	WM-102	1285	74					2880	
H-1	10	6	84	688	WM-187	643	67	WM-189	710	70	WM-102	1300	74					2800	
H-1	11	6	84	689	WM-187	566	67	WM-189	672	70	WM-102	1283	74					2960	
H-1	12	6	84	690	WM-187	669	67	WM-189	702	70	WM-102	1265	74					3600	
H-1	12	6	84	691	WM-187	592	67	WM-189	750	70	WM-102	1388	74					3840	
H-1	13	6	84	692	WM-187	617	67	WM-189	569	70	WM-102	1293	74					3520	
H-1	14	6	84	693	WM-182	2272	69										10.3	880	
H-1	14	6	84	694	WM-182	1942	69										9.1	720	
H-1	15	6	84	695							WM-102	2525	74					720	
H-1	15	6	84	696							WM-102	2600	74					880	
H-1	16	6	84	697							WM-102	1900	74					640	
H-1	16	6	84	698							WM-102	1700	74	1414	2.2		14.5	720	
H-2	11	9	87	PPC	Cold Pilot Plant Calcine (approx. 50 cubic feet)							3507	94						
H-2	12	9	87	DB	Dolomite Bed (approx. 50 cubic feet)							3507	92						
H-2	12	9	87	1	Cold									1768	1.94		8.3		
H-2	14	9	87	DB	Dolomite Bed (approx. 15 cubic feet)							1052	92						
H-2	14	9	87	2	Cold									1449	1.92		11.3		
H-2	15	9	87	DB	Dolomite Bed (approx. 15 cubic feet)							1052	92						
H-2	17	9	87	DB	Dolomite Bed (approx. 15 cubic feet)							1052	92						
H-2	18	9	87	3C	Cold									2662	2		12.5		
H-2	18	9	87	DB	Dolomite Bed (approx. 15 cubic feet)							1052	92						
H-2	19	9	87	DB	Dolomite Bed (approx. 15 cubic feet)							1052	92						
H-2	19	9	87	DB	Dolomite Bed (approx. 15 cubic feet)							1052	92						
H-2	19	9	87	4C	Cold									2460	2.2		15.6		
H-2	20	9	87	DB	Dolomite Bed (approx. 15 cubic feet)							1052	92						
H-2	20	9	87	5C	Cold									2814	2.2		15.6		
H-2	22	9	87	6C	Cold									2630	2.2		13.7		
H-2	24	9	87	7C	Cold									1984	2.2		12.4		
H-2	23	9	87	8C	Cold									2315	2.2		13.7		
H-2	24	9	87	9C	Cold									2300	2.2		12.6		
H-2	25	9	87	10C	Cold									1732	2.2		10.8		
H-2	26	9	87	11C	Cold									2057	2.2		11.1		
H-2	26	9	87	12C	Cold									2616	2.2		13.7		
H-2	27	9	87	13C	Cold									2368	2.2		13.3		
H-2	28	9	87	14C	Cold									2261	2.2		14.0		
H-2	29	9	87	15C	Cold									2209	2.2		13.3		
H-2	29	9	87	16C	Cold									1974	2.2		11.8		

Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF					Feed Stream												Cold Chemicals				
Date				Batch	1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>			
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb			
H-2	30	9	87	1	WM-187	2372	75							321	2.2			5680			
H-2	2	10	87	2	WM-187	2340	75											5520			
H-2	2	10	87	3	WM-187	2137	75											4720			
H-2	3	10	87	4	WM-187	2150	75							350	2.2			4720			
H-2	3	10	87	5	WM-187	2172	75							100	2.2			5200			
H-2	4	10	87	6	WM-187	2115	75							198	2.2			4640			
H-2	5	10	87	7	WM-187	2256	75							174	2.2			5360			
H-2	5	10	87	8	WM-187	2320	75											5040			
H-2	6	10	87	9	WM-187	2100	75											4560			
H-2	7	10	87	10	WM-187	2229	75											4880			
H-2	7	10	87	11	WM-187	2170	75											4720			
H-2	8	10	87	12	WM-187	2047	75											4080			
H-2	8	10	87	13	WM-187	2430	75											4880			
H-2	9	10	87	14	WM-187	2246	75											4496			
H-2	10	10	87	15	WM-187	2204	75											4400			
H-2	10	10	87	16	WM-189	1907	77	WM-186	205	76								5360			
H-2	11	10	87	17	WM-189	2040	77	WM-186	215	76								5704			
H-2	11	10	87	18	WM-189	1928	77	WM-186	232	76								6400			
H-2	12	10	87	19	WM-189	2197	77	WM-186	210	76								6160			
H-2	13	10	87	20	WM-189	1947	77	WM-186	211	76								5440			
H-2	14	10	87	21	WM-189	2209	77	WM-186	297	76								6480			
H-2	14	10	87	22	WM-189	1966	77	WM-186	225	76								5520			
H-2	15	10	87	23	WM-189	1798	77	WM-186	195	76								5040			
H-2	15	10	87	24	WM-189	2132	77	WM-186	240	76								6480			
H-2	16	10	87	25	WM-189	1972	77	WM-186	219	76								6000			
H-2	17	10	87	26	WM-189	2175	77	WM-186	275	76								6640			
H-2	17	10	87	27	WM-189	2283	77	WM-186	373	76								6960			
H-2	18	10	87	28	WM-189	1885	77	WM-186	334	76								6240			
H-2	19	10	87	29	WM-189	1962	77	WM-186	213	76								6000			
H-2	20	10	87	30	WM-189	2061	77	WM-186	375	76								6320			
H-2	20	10	87	31	WM-189	2156	77	WM-186	295	76								6560			
H-2	21	10	87	32	WM-189	1673	77	WM-186	302	76								4720			
H-2	22	10	87	33	WM-189	1499	77	WM-186	277	76								4240			
H-2	23	10	87	34	WM-189	1692	77	WM-186	322	76								4960			
H-2	23	10	87	35	WM-189	1822	77	WM-186	325	76								5200			
H-2	24	10	87	36	WM-189	1790	77	WM-186	307	76								5120			
H-2	24	10	87	37	WM-189	1763	77	WM-186	304	76								4960			
H-2	25	10	87	38	WM-189	1804	77	WM-186	281	76								5360			
H-2	25	10	87	39	WM-189	1805	77	WM-186	292	76								5120			
H-2	26	10	87	40	WM-189	1653	77	WM-186	291	76								4720			
H-2	27	10	87	41	WM-189	1425	77	WM-186	275	76								4320			
H-2	28	10	87	42	WM-189	1468	77	WM-186	256	76								4160			
H-2	28	10	87	43	WM-189	1476	77	WM-186	263	76								4560			
H-2	30	10	87	44	WM-189	1651	77	WM-186	305	76								4960			
H-2	9	11	87	45	WM-189	1696	77	WM-186	315	76								5120			
H-2	10	11	87	46	WM-189	1706	77	WM-186	321	76								5360			
H-2	10	11	87	47	WM-189	1809	77	WM-186	304	76								5120			
H-2	11	11	87	48	WM-189	1390	77	WM-186	188	76								3960			
H-2	12	11	87	49	WM-189	1745	77	WM-186	284	76								4960			
H-2	13	11	87	50	WM-189	1603	77	WM-186	269	76								4960			
H-2	14	11	87	51	WM-189	1642	77	WM-186	307	76								4640			
H-2	14	11	87	52	WM-189	1705	77	WM-186	293	76								4400			
H-2	15	11	87	53	WM-189	1663	77	WM-186	290	76								4720			
H-2	16	11	87	54	WM-189	1687	77	WM-186	288	76								4800			
H-2	17	11	87	55	WM-189	1794	77	WM-186	305	76								5040			
H-2	18	11	87	56	WM-189	1695	77	WM-186	280	76								4800			
H-2	18	11	87	57	WM-189	1818	77	WM-186	314	76								5136			
H-2	19	11	87	58	WM-189	1792	77	WM-186	313	76								5040			
H-2	20	11	87	59	WM-189	1821	77	WM-186	282	76								4480			
H-2	20	11	87	60	WM-189	1592	77	WM-186	364	76								5360			
H-2	21	11	87	61	WM-189	1533	77	WM-186	267	76								4320			
H-2	22	11	87	62	WM-189	1829	77	WM-186	306	76								5200			
H-2	22	11	87	63	WM-189	1533	77	WM-186	307	76								4960			
H-2	23	11	87	64	WM-189	1733	77	WM-186	303	76								4880			
H-2	23	11	87	65	WM-189	1725	77	WM-186	280	76								4880			
H-2	24	11	87	66	WM-189	1625	77	WM-186	317	76								5120			
H-2	25	11	87	67	WM-189	1710	77	WM-186	291	76								4880			
H-2	25	11	87	68	WM-189	1648	77	WM-186	321	76								4640			

Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF	Date			Batch	Feed Stream										Cold Chemicals			
					1		2				3		Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-2	26	11	87	69	WM-189	1700	77	WM-186	287	76								4800
H-2	27	11	87	70	WM-189	1737	77	WM-186	304	76								4960
H-2	28	11	87	71	WM-189	1688	77	WM-186	338	76								4800
H-2	29	11	87	72	WM-189	1846	77	WM-186	284	76								5280
H-2	29	11	87	73	WM-189	1730	77	WM-186	304	76								4880
H-2	30	11	87	74	WM-189	1760	77	WM-186	305	76								4960
H-2	1	12	87	75	WM-189	1701	77	WM-186	272	76								4800
H-2	1	12	87	76	WM-189	1666	77	WM-186	300	76								4720
H-2	2	12	87	77	WM-189	1735	77	WM-186	285	76								4904
H-2	3	12	87	78	WM-189	1825	77	WM-186	313	76								4800
H-2	3	12	87	79	WM-189	1713	77	WM-186	298	76								4480
H-2	4	12	87	80	WM-189	1395	77	WM-186	250	76								3600
H-2	4	12	87	81	WM-189	1380	77	WM-186	235	76								3680
H-2	5	12	87	82	WM-189	1379	77	WM-186	288	76								3680
H-2	6	12	87	83	WM-189	1514	77	WM-186	268	76								3920
H-2	7	12	87	84	WM-189	1467	77	WM-186	240	76								3840
H-2	7	12	87	85	WM-189	1533	77	WM-186	256	76								4080
H-2	8	12	87	86	WM-189	1671	77	WM-186	294	76								4400
H-2	9	12	87	87	WM-189	1643	77	WM-186	305	76								4320
H-2	9	12	87	88	WM-189	1500	77	WM-186	295	76								3920
H-2	10	12	87	89	WM-189	1500	77	WM-186	299	76								3680
H-2	10	12	87	90	WM-189	1502	77	WM-186	298	76								3928
H-2	11	12	87	91	WM-189	1416	77	WM-186	309	76								3680
H-2	11	12	87	92	WM-189	1501	77	WM-186	303	76								3920
H-2	12	12	87	93	WM-189	1408	77	WM-186	304	76								3680
H-2	13	12	87	94	WM-189	1729	77	WM-186	407	76								4560
H-2	13	12	87	95	WM-189	1434	77	WM-186	355	76								3760
H-2	14	12	87	96	WM-187	2013	75	WM-186	22	76								4080
H-2	14	12	87	97	WM-187	1971	75											4680
H-2	15	12	87	98	WM-187	1682	75											3360
H-2	16	12	87	99	WM-187	1949	75											3920
H-2	17	12	87	100	WM-187	1612	75											3760
H-2	18	12	87	101	WM-187	1582	75											3360
H-2	18	12	87	102	WM-187	1802	75											3440
H-2	19	12	87	103	WM-187	1969	75											4000
H-2	19	12	87	104	WM-187	1580	75											3200
H-2	20	12	87	105	WM-187	2062	75											3840
H-2	21	12	87	106	WM-187	2142	75											4320
H-2	21	12	87	107	WM-187	2120	75											4240
H-2	22	12	87	108	WM-187	1985	75											4000
H-2	23	12	87	109	WM-187	1935	75											3920
H-2	23	12	87	110	WM-187	1750	75											3520
H-2	24	12	87	111	WM-187	1803	75											3600
H-2	25	12	87	112	WM-187	1969	75											3920
H-2	25	12	87	113	WM-187	2053	75											4160
H-2	26	12	87	114	WM-187	1913	75											3840
H-2	27	12	87	115	WM-189	1533	77	WM-186	316	76								4000
H-2	27	12	87	116	WM-189	1457	77	WM-186	296	76								3760
H-2	28	12	87	117	WM-189	1637	77	WM-186	352	76								4400
H-2	29	12	87	118	WM-189	1611	77	WM-186	335	76								4160
H-2	29	12	87	119	WM-189	1679	77	WM-186	289	76								4400
H-2	30	12	87	120	WM-189	1700	77	WM-186	346	76								4400
H-2	31	12	87	121	WM-189	1604	77	WM-186	338	76								3920
H-2	31	12	87	122	WM-189	1580	77	WM-186	368	76								4080
H-2	1	1	88	123	WM-189	1730	77	WM-186	361	76								4400
H-2	1	1	88	124	WM-189	1675	77	WM-186	362	76								4640
H-2	5	1	88	125	WM-189	1489	77	WM-186	301	76								3920
H-2	5	1	88	126	WM-189	1502	77	WM-186	272	76								3920
H-2	6	1	88	127	WM-189	1468	77	WM-186	312	76								3840
H-2	6	1	88	128	WM-189	1618	77	WM-186	351	76								4240
H-2	7	1	88	129	WM-189	1697	77	WM-186	327	76								4400
H-2	8	1	88	130	WM-189	1507	77	WM-186	300	76								3920
H-2	8	1	88	131	WM-189	1483	77	WM-186	340	76								3840
H-2	9	1	88	132	WM-189	1663	77	WM-186	328	76								4320
H-2	9	1	88	133	WM-189	1677	77	WM-186	321	76								4400
H-2	10	1	88	134	WM-189	1501	77	WM-186	319	76								3920
H-2	11	1	88	135	WM-189	1503	77	WM-186	310	76								3920
H-2	11	1	88	136	WM-189	1656	77	WM-186	327	76								4320

Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF	Date			Batch	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-2	12	1	88	137	WM-189	1596	77	WM-186	298	76								4160
H-2	12	1	88	138	WM-189	1470	77	WM-186	285	76								4160
H-2	13	1	88	139	WM-189	1492	77	WM-186	309	76								4240
H-2	14	1	88	140	WM-189	1670	77	WM-186	228	76								4640
H-2	14	1	88	141	WM-189	1518	77	WM-186	346	76								4240
H-2	15	1	88	142	WM-189	1579	77	WM-186	343	76								4400
H-2	15	1	88	143	WM-189	1532	77	WM-186	295	76								4320
H-2	16	1	88	144	WM-189	1677	77	WM-186	380	76								4720
H-2	17	1	88	145	WM-189	1780	77	WM-186	347	76								4960
H-2	17	1	88	146	WM-189	1625	77	WM-186	305	76								4560
H-2	18	1	88	147	WM-189	1601	77	WM-186	327	76								4480
H-2	18	1	88	148	WM-189	1608	77	WM-186	374	76								4480
H-2	19	1	88	149	WM-189	1602	77	WM-186	320	76								4480
H-2	20	1	88	150	WM-189	1573	77	WM-186	312	76								4400
H-2	20	1	88	151	WM-189	1765	77	WM-186	365	76								4960
H-2	21	1	88	152	WM-189	1637	77	WM-186	379	76								4640
H-2	21	1	88	153	WM-189	1607	77	WM-186	361	76								4480
H-2	22	1	88	154	WM-189	1601	77	WM-186	320	76								4480
H-2	22	1	88	155	WM-189	1653	77	WM-186	328	76								4640
H-2	23	1	88	156	WM-189	1463	77	WM-186	277	76								4080
H-2	24	1	88	157	WM-189	1506	77	WM-186	320	76								4240
H-2	24	1	88	158	WM-189	1519	77	WM-186	303	76								4240
H-2	25	1	88	159	WM-189	1569	77	WM-186	326	76								4400
H-2	25	1	88	160	WM-189	1842	77	WM-186	376	76								5200
H-2	26	1	88	161	WM-189	1669	77	WM-186	350	76								4640
H-2	26	1	88	162	WM-189	1753	77	WM-186	349	76								4880
H-2	27	1	88	163	WM-189	1629	77	WM-186	369	76								4560
H-2	28	1	88	164	WM-189	1767	77	WM-186	373	76								4960
H-2	28	1	88	165	WM-189	1747	77	WM-186	350	76								4880
H-2	29	1	88	166	WM-189	1715	77	WM-186	360	76								4800
H-2	30	1	88	167	WM-189	1568	77	WM-186	292	76								4400
H-2	30	1	88	168	WM-189	1581	77	WM-186	325	76								4480
H-2	31	1	88	169	WM-189	1736	77	WM-186	355	76								4880
H-2	31	1	88	170	WM-189	1553	77	WM-186	319	76								4320
H-2	1	2	88	171	WM-189	1771	77	WM-186	369	76								4960
H-2	2	2	88	172	WM-189	1738	77	WM-186	348	76								4880
H-2	2	2	88	173	WM-189	1816	77	WM-186	261	76								5120
H-2	3	2	88	174	WM-189	1781	77	WM-186	359	76								5040
H-2	3	2	88	175	WM-189	1839	77	WM-186	371	76								5120
H-2	4	2	88	176	WM-189	1278	77	WM-186	268	76								3920
H-2	4	2	88	177	WM-189	1597	77	WM-186	333	76								4800
H-2	5	2	88	178	WM-189	1543	77	WM-186	341	76								4320
H-2	6	2	88	179	WM-189	1762	77	WM-186	384	76								4960
H-2	6	2	88	180	WM-189	1698	77	WM-186	367	76								4720
H-2	7	2	88	181	WM-189	1600	77	WM-186	311	76								4480
H-2	7	2	88	182	WM-189	1591	77	WM-186	314	76								4480
H-2	8	2	88	183	WM-189	1435	77	WM-186	280	76								4000
H-2	8	2	88	184	WM-189	1911	77	WM-186	377	76								5360
H-2	9	2	88	185	WM-189	1750	77	WM-186	358	76								4880
H-2	9	2	88	186	WM-189	1595	77	WM-186	325	76								4480
H-2	10	2	88	187	WM-189	1813	77	WM-186	338	76								5120
H-2	10	2	88	188	WM-189	1598	77	WM-186	375	76								4480
H-2	11	2	88	189	WM-189	1772	77	WM-186	315	76								4960
H-2	19	2	88	190	WM-189	1810	77	WM-186	358	76								5120
H-2	19	2	88	191	WM-189	1704	77	WM-186	362	76								4800
H-2	20	2	88	192	WM-189	1469	77	WM-186	295	76								4160
H-2	21	2	88	193	WM-189	1488	77	WM-186	309	76								4160
H-2	21	2	88	194	WM-189	1570	77	WM-186	335	76								4400
H-2	22	2	88	195	WM-189	1642	77	WM-186	329	76								4640
H-2	24	2	88	196	WM-189	1496	77	WM-186	299	76								4240
H-2	24	2	88	197	WM-187	1530	75	WM-186	329	76								3920
H-2	25	2	88	198	WM-188	1442	78	WM-186	239	76								4560
H-2	25	2	88	199	WM-187	1600	75	WM-186	302	76								4080
H-2	26	2	88	200	WM-187	1610	75	WM-186	356	76								4160
H-2	26	2	88	201	WM-187	1728	75	WM-186	338	76								4400
H-2	27	2	88	202	WM-187	1691	75	WM-186	324	76								4320
H-2	27	2	88	203	WM-187	1734	75	WM-186	343	76								4400
H-2	28	2	88	204	WM-187	1712	75	WM-186	327	76								4400

Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

						Feed Stream								Cold Chemicals						
NWCF		Date			Batch		1		2		3		Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>		H <sub>3</sub> BO <sub>3</sub>		Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb		
H-2	28	2	88	205	WM-187	1705	75	WM-186	325	76									4400	
H-2	29	2	88	206	WM-187	1618	75	WM-186	326	76									4160	
H-2	1	3	88	207	WM-187	1626	75	WM-186	319	76									4160	
H-2	1	3	88	208	WM-187	1753	75	WM-186	270	76									5520	
H-2	2	3	88	209	WM-188	1712	78	WM-186	205	76									5440	
H-2	2	3	88	210	WM-188	1720	78	WM-186	232	76									5440	
H-2	3	3	88	211	WM-188	1549	78	WM-186	229	76									5200	
H-2	4	3	88	212	WM-188	1670	78	WM-186	262	76									5280	
H-2	4	3	88	213	WM-188	1772	78	WM-186	235	76									5600	
H-2	4	3	88	214	WM-188	1796	78	WM-186	248	76									5680	
H-2	24	3	88	DB	Dolomite Bed (approx. 30 cubic feet)							2104	92							
H-2	25	3	88	215	WM-188	1807	78	WM-186	255	76									5040	
H-2	26	3	88	216	WM-188	1783	78	WM-186	361	76									5040	
H-2	27	3	88	217	WM-188	1698	78	WM-186	324	76									4720	
H-2	27	3	88	218	WM-188	1522	78	WM-186	310	76									4240	
H-2	28	3	88	219	WM-188	1658	78	WM-186	339	76									4640	
H-2	29	3	88	220	WM-188	1736	78	WM-186	352	76									4880	
H-2	31	3	88	221	WM-188	1764	78	WM-186	353	76									4960	
H-2	2	4	88	222	WM-188	1626	78	WM-186	335	76									4560	
H-2	3	4	88	223	WM-188	1677	78	WM-186	329	76									4720	
H-2	4	4	88	224	WM-188	1700	78	WM-186	348	76									4800	
H-2	6	4	88	225	WM-188	1703	78	WM-186	343	76									4800	
H-2	8	4	88	226	WM-188	1717	78	WM-186	334	76									4800	
H-2	10	4	88	227	WM-188	1401	78	WM-186	275	76									3920	
H-2	11	4	88	228	WM-188	1400	78	WM-186	274	76									3920	
H-2	12	4	88	229	WM-188	1325	78	WM-186	255	76									3680	
H-2	13	4	88	230	WM-188	1504	78	WM-186	285	76									4240	
H-2	15	4	88	231	WM-188	1755	78	WM-186	342	76									4880	
H-2	16	4	88	232	WM-188	1415	78	WM-186	290	76									3200	
H-2	17	4	88	233	WM-188	1522	78	WM-186	296	76									4240	
H-2	17	4	88	234	WM-188	1387	78	WM-186	265	76									3920	
H-2	18	4	88	235	WM-188	1647	78	WM-186	330	76									4640	
H-2	18	4	88	236	WM-188	1590	78	WM-186	313	76									4480	
H-2	19	4	88	237	WM-188	1674	78	WM-186	339	76									4720	
H-2	20	4	88	238	WM-188	1497	78	WM-186	306	76									4160	
H-2	20	4	88	239	WM-188	1586	78	WM-186	299	76									4480	
H-2	21	4	88	240	WM-188	1510	78	WM-186	293	76									4240	
H-2	21	4	88	241	WM-188	1671	78	WM-186	325	76									4720	
H-2	22	4	88	242	WM-188	1646	78	WM-186	365	76									4640	
H-2	22	4	88	243	WM-188	1801	78	WM-186	360	76									5040	
H-2	23	4	88	244	WM-188	1668	78	WM-186	329	76									4720	
H-2	24	4	88	245	WM-188	1617	78	WM-186	320	76									4480	
H-2	25	4	88	246	WM-188	1810	78	WM-186	360	76									5040	
H-2	25	4	88	247	WM-188	1818	78	WM-186	377	76									5120	
H-2	26	4	88	248	WM-188	1667	78	WM-186	328	76									4640	
H-2	27	4	88	249	WM-188	1640	78	WM-186	325	76									4560	
H-2	27	4	88	250	WM-188	1615	78	WM-186	324	76									4480	
H-2	28	4	88	251	WM-188	1656	78	WM-186	319	76									4640	
H-2	28	4	88	252	WM-188	1611	78	WM-186	326	76									4480	
H-2	29	4	88	253	WM-188	1593	78	WM-186	306	76									4480	
H-2	29	4	88	254	WM-188	1757	78	WM-186	374	76									4960	
H-2	30	4	88	255	WM-188	1774	78	WM-186	352	76									4960	
H-2	30	4	88	256	WM-188	1752	78	WM-186	357	76									4880	
H-2	1	5	88	257	WM-188	2031	78	WM-186	455	76									5680	
H-2	2	5	88	258	WM-188	1796	78	WM-186	357	76									5040	
H-2	2	5	88	259	WM-188	1846	78	WM-186	361	76									400	
H-2	3	5	88	260	WM-188	1600	78	WM-186	288	76									4480	
H-2	3	5	88	261	WM-188	911	78	WM-186	168	76									3200	
H-2	4	5	88	262	WM-188	1646	78	WM-186	325	76									4640	
H-2	5	5	88	263	WM-188	309	78												1840	
H-2	23	5	88	264	WM-188	2014	78	WM-186	408	76									5680	
H-2	24	5	88	265	WM-188	1662	78	WM-186	324	76									4640	
H-2	24	5	88	266	WM-188	1840	78	WM-186	360	76									5120	
H-2	25	5	88	267	WM-188	1829	78	WM-186	364	76									5120	
H-2	25	5	88	268	WM-188	1518	78	WM-186	308	76									4240	
H-2	26	5	88	269	WM-188	1495	78	WM-186	293	76									4160	
H-2	27	5	88	270	WM-188	1706	78	WM-186	355	76									4800	
H-2	27	5	88	271	WM-188	1730	78	WM-186	340	76									4880	

Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF	Date			Batch	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-2	28	5	88	272	WM-188	1535	78	WM-186	310	76								4320
H-2	28	5	88	273	WM-188	1623	78	WM-186	309	76								4560
H-2	29	5	88	274	WM-188	1662	78	WM-186	330	76								4640
H-2	29	5	88	275	WM-188	1800	78	WM-186	364	76								5040
H-2	30	5	88	276	WM-188	1886	78	WM-186	378	76								5280
H-2	30	5	88	277	WM-188	1885	78	WM-186	373	76								5280
H-2	31	5	88	278	WM-188	1619	78	WM-186	320	76								4560
H-2	1	6	88	279	WM-188	1822	78	WM-186	362	76								5120
H-2	1	6	88	280	WM-188	1854	78	WM-186	350	76								5200
H-2	2	6	88	281	WM-188	1762	78	WM-186	358	76								4960
H-2	3	6	88	282	WM-188	1664	78	WM-186	333	76								4640
H-2	3	6	88	283	WM-188	1829	78	WM-186	380	76								5120
H-2	4	6	88	284	WM-188	1687	78	WM-186	345	76								4720
H-2	4	6	88	285	WM-188	1660	78	WM-186	335	76								4640
H-2	5	6	88	286	WM-188	1770	78	WM-186	340	76								4960
H-2	6	6	88	287	WM-188	1612	78	WM-186	330	76								4480
H-2	7	6	88	288	WM-188	1677	78	WM-186	356	76								4720
H-2	7	6	88	289	WM-188	1808	78	WM-186	362	76								5040
H-2	8	6	88	290	WM-188	1734	78	WM-186	341	76								4880
H-2	9	6	88	291	WM-188	1734	78	WM-186	337	76								4800
H-2	9	6	88	292	WM-188	1782	78	WM-186	357	76								5040
H-2	10	6	88	293	WM-188	1619	78	WM-186	308	76								4560
H-2	26	6	88	1B	Cold									1555	2.2		8.9	
H-2	27	6	88	2B	Cold									1648	2.2		9.0	
H-2	27	6	88	3B	Cold									1800	2.2		8.4	
H-2	28	6	88	4B	Cold									1100	2.2		5.2	
H-2	28	6	88	5B	Cold									2065	2.2		13.1	
H-2	29	6	88	6B	Cold									1800	2.2		9.5	
H-2	29	6	88	7B	Cold									2311	2.2		12.0	
H-2	30	6	88	8B	Cold									1800	2.2		8.7	
H-2	30	6	88	9B	Cold									1446	2.2		6.8	
H-2	1	7	88	10B	Cold									1500	2.2		9.6	
H-2	2	7	88	294	WM-188	1782	78	WM-186	364	76								4960
H-2	2	7	88	295	WM-188	1804	78	WM-186	333	76								5040
H-2	3	7	88	296	WM-188	1606	78	WM-186	350	76								4480
H-2	4	7	88	297	WM-188	1613	78	WM-186	338	76								4480
H-2	5	7	88	298	WM-188	1408	78	WM-186	292	76								3920
H-2	5	7	88	299	WM-188	1846	78	WM-186	362	76								5200
H-2	6	7	88	300	WM-188	1622	78	WM-186	321	76								4560
H-2	6	7	88	301	WM-188	1814	78	WM-186	358	76								5120
H-2	7	7	88	302	WM-188	1685	78	WM-186	298	76								4720
H-2	8	7	88	303	WM-188	1681	78	WM-186	337	76								4720
H-2	9	7	88	304	WM-188	1681	78	WM-186	341	76								4720
H-2	9	7	88	305	WM-188	1655	78	WM-186	331	76								4640
H-2	10	7	88	306	WM-188	1558	78	WM-186	267	76								4400
H-2	11	7	88	307	WM-188	1674	78	WM-186	323	76								4720
H-2	12	7	88	308	WM-188	1650	78	WM-186	360	76								4640
H-2	13	7	88	309	WM-188	1581	78	WM-186	319	76								4400
H-2	14	7	88	310	WM-188	1642	78	WM-186	331	76								4640
H-2	14	7	88	311	WM-188	1423	78	WM-186	273	76								4000
H-2	15	7	88	312	WM-188	1791	78	WM-186	350	76								5040
H-2	16	7	88	313	WM-188	1826	78	WM-186	378	76								5120
H-2	17	7	88	314	WM-188	1805	78	WM-186	371	76								5040
H-2	17	7	88	315	WM-188	1599	78	WM-186	295	76								4480
H-2	18	7	88	316	WM-188	1742	78	WM-186	349	76								4880
H-2	18	7	88	317	WM-188	1698	78	WM-186	330	76								4720
H-2	19	7	88	318	WM-188	1704	78	WM-186	300	76								4800
H-2	19	7	88	319	WM-188	1788	78	WM-186	348	76								5040
H-2	20	7	88	320	WM-188	1771	78	WM-186	358	76								5120
H-2	20	7	88	321	WM-188	1701	78	WM-186	339	76								4800
H-2	21	7	88	322	WM-188	1605	78	WM-186	325	76								4480
H-2	22	7	88	323	WM-188	1805	78	WM-186	355	76								5040
H-2	22	7	88	324	WM-188	1697	78	WM-186	331	76								4720
H-2	23	7	88	325	WM-188	1615	78	WM-186	333	76								4560
H-2	23	7	88	326	WM-188	1922	78	WM-186	392	76								5360
H-2	24	7	88	327	WM-188	1744	78	WM-186	339	76								4880
H-2	24	7	88	328	WM-188	1795	78	WM-186	337	76								5040
H-2	25	7	88	329	WM-188	1557	78	WM-186	279	76								4400



Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF Camp.	Date			Feed Stream										Cold Chemicals				
				1				2				3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-2	25	7	88	330	WM-188	1787	78	WM-186	357	76								5040
H-2	26	7	88	331	WM-188	1614	78	WM-186	329	76								4560
H-2	27	7	88	332	WM-188	1745	78	WM-186	325	76								4560
H-2	27	7	88	333	WM-188	1593	78	WM-186	307	76								4160
H-2	27	7	88	334	WM-189	1810	79	WM-186	337	76								4720
H-2	29	7	88	335	WM-189	2051	79	WM-186	296	76								6480
H-2	30	7	88	336	WM-189	1525	79	WM-186	242	76								4800
H-2	30	7	88	337	WM-189	1829	79	WM-186	267	76								5760
H-2	31	7	88	338	WM-189	1813	79	WM-186	264	76								5760
H-2	31	7	88	339	WM-189	1795	79	WM-186	235	76								5680
H-2	1	8	88	340	WM-189	1815	79	WM-186	265	76								5760
H-2	1	8	88	341	WM-189	1801	79	WM-186	294	76								4960
H-2	2	8	88	342	WM-189	1706	79	WM-186	278	76								4640
H-2	3	8	88	343	WM-189	1807	79	WM-186	267	76								4960
H-2	3	8	88	344	WM-189	2077	79	WM-186	347	76								5680
H-2	4	8	88	345	WM-189	1817	79	WM-186	296	76								4960
H-2	4	8	88	346	WM-189	1786	79	WM-186	297	76								4880
H-2	5	8	88	347	WM-189	1708	79	WM-186	316	76								4720
H-2	5	8	88	348	WM-189	1688	79	WM-186	346	76								4640
H-2	6	8	88	349	WM-189	1610	79	WM-186	322	76								4400
H-2	6	8	88	350	WM-189	1705	79	WM-186	346	76								4640
H-2	7	8	88	351	WM-189	1805	79	WM-186	360	76								4960
H-2	8	8	88	352	WM-189	1804	79	WM-186	347	76								4960
H-2	8	8	88	353	WM-189	1859	79	WM-186	360	76								5120
H-2	9	8	88	354	WM-189	1909	79	WM-186	380	76								5200
H-2	10	8	88	355	WM-189	1839	79	WM-186	370	76								5040
H-2	10	8	88	1C				WM-186	149	76				1184	2.2			4640
H-2	13	8	88	356	WM-189	1695	79	WM-186	341	76								9
H-2	15	8	88	357	WM-189	1768	79	WM-186	350	76								4960
H-2	15	8	88	358	WM-189	1883	79	WM-186	359	76								5200
H-2	16	8	88	359	WM-189	1820	79	WM-186	387	76								5280
H-2	16	8	88	360	WM-189	1809	79	WM-186	409	76								5120
H-2	17	8	88	361	WM-189	1900	79	WM-186	402	76								5360
H-2	18	8	88	362	WM-189	1800	79	WM-186	354	76								5040
H-2	18	8	88	363	WM-189	1864	79	WM-186	376	76								5120
H-2	19	8	88	364	WM-189	1832	79	WM-186	348	76								5040
H-2	20	8	88	365	WM-189	1805	79	WM-186	350	76								4960
H-2	20	8	88	366	WM-189	1591	79	WM-186	315	76								4400
H-2	21	8	88	367	WM-189	1788	79	WM-186	341	76								4880
H-2	22	8	88	368	WM-189	1996	79	WM-186	397	76								5520
H-2	23	8	88	369	WM-189	1585	79	WM-186	324	76								4400
H-2	24	8	88	370	WM-189	1823	79	WM-186	362	76								5040
H-2	24	8	88	371	WM-189	1680	79	WM-186	334	76								4640
H-2	25	8	88	372	WM-189	1726	79	WM-186	345	76								4720
H-2	25	8	88	373	WM-189	1719	79	WM-186	339	76								4720
H-2	26	8	88	374	WM-189	1719	79	WM-186	343	76								4720
H-2	26	8	88	375	WM-189	1729	79	WM-186	337	76								4720
H-2	27	8	88	376	WM-189	1577	79	WM-186	314	76								4320
H-2	28	8	88	377	WM-189	1781	79	WM-186	376	76								4880
H-2	28	8	88	378	WM-189	1666	79	WM-186	358	76								4560
H-2	28	8	88	379	WM-189	1675	79	WM-186	341	76								4560
H-2	29	8	88	380	WM-189	1772	79	WM-186	353	76								4880
H-2	30	8	88	381	WM-189	1444	79	WM-186	301	76								3920
H-2	31	8	88	382	WM-189	1597	79	WM-186	350	76								4400
H-2	31	8	88	383	WM-189	1592	79	WM-186	325	76								4400
H-2	3	9	88	384	WM-189	1622	79	WM-186	333	76								4480
H-2	3	9	88	385	WM-189	1610	79	WM-186	322	76								4400
H-2	4	9	88	386	WM-189	1665	79	WM-186	381	76								4560
H-2	5	9	88	387	WM-189	1700	79	WM-186	347	76								4640
H-2	5	9	88	388	WM-189	1698	79	WM-186	352	76								4640
H-2	6	9	88	389	WM-189	1583	79	WM-186	289	76								4320
H-2	7	9	88	390	WM-189	1598	79	WM-186	344	76								4720
H-2	7	9	88	391	WM-189	1590	79	WM-186	355	76								4400
H-2	8	9	88	392	WM-189	1638	79	WM-186	330	76								4480
H-2	8	9	88	393	WM-189	1803	79	WM-186	380	76								4960
H-2	9	9	88	394	WM-189	1800	79	WM-186	378	76								4960
H-2	10	9	88	395	WM-189	1785	79	WM-186	358	76								4880
H-2	10	9	88	396	WM-189	1800	79	WM-186	365	76								4960

Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF	Date			Batch	Feed Stream										Cold Chemicals			
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-2	11	9	88	397	WM-189	1558	79	WM-186	312	76								4240
H-2	11	9	88	398	WM-189	1778	79	WM-186	358	76								4880
H-2	12	9	88	399	WM-189	1618	79	WM-186	316	76								4480
H-2	12	9	88	400	WM-189	1694	79	WM-186	345	76								4640
H-2	13	9	88	401	WM-189	1798	79	WM-186	368	76								4960
H-2	13	9	88	402	WM-189	1800	79	WM-186	361	76								4960
H-2	14	9	88	403	WM-189	1954	79	WM-186	401	76								5360
H-2	14	9	88	404	WM-189	1919	79	WM-186	394	76								5280
H-2	15	9	88	405	WM-189	1757	79	WM-186	341	76								4800
H-2	15	9	88	406	WM-189	1911	79	WM-186	401	76								5200
H-2	16	9	88	407	WM-189	1899	79	WM-186	410	76								5200
H-2	16	9	88	408	WM-189	1645	79	WM-186	240	76								4480
H-2	17	9	88	409	WM-189	1861	79	WM-186	351	76								4240
H-2	18	9	88	410	WM-189	2017	79	WM-186	343	76								4720
H-2	18	9	88	411	WM-189	1771	79	WM-186	363	76								4880
H-2	19	9	88	412	WM-189	1930	79	WM-186	319	76								5280
H-2	19	9	88	413	WM-189	1808	79	WM-186	308	76								4960
H-2	20	9	88	414	WM-189	1980	79	WM-186	381	76								5200
H-2	20	9	88	415	WM-189	1810	79	WM-186	367	76								4960
H-2	21	9	88	416	WM-189	1512	79	WM-186	304	76								4160
H-2	21	9	88	417	WM-189	2000	79	WM-186	389	76								5440
H-2	22	9	88	418	WM-189	1998	79	WM-186	408	76								5440
H-2	22	9	88	419	WM-189	2004	79	WM-186	355	76								5520
H-2	23	9	88	420	WM-189	1952	79	WM-186	394	76								5360
H-2	23	9	88	421	WM-189	2005	79	WM-186	307	76								5520
H-2	24	9	88	422	WM-189	1626	79	WM-186	320	76								4560
H-2	24	9	88	423	WM-189	1526	79	WM-186	254	76								4240
H-2	25	9	88	424	WM-189	1574	79	WM-186	315	76								4400
H-2	25	9	88	425	WM-189	1901	79	WM-186	340	76								5360
H-2	26	9	88	426	WM-189	1585	79	WM-186	320	76								4480
H-2	26	9	88	427	WM-189	1574	79	WM-186	262	76								4800
H-2	27	9	88	428	WM-189	1609	79	WM-186	328	76								4480
H-2	27	9	88	429	WM-189	2001	79	WM-186	364	76								5600
H-2	28	9	88	430	WM-189	1970	79	WM-186	336	76								5520
H-2	29	9	88	431	WM-189	1997	79	WM-186	358	76								5600
H-2	29	9	88	432	WM-189	1784	79	WM-186	300	76								4960
H-2	30	9	88	433	WM-189	2013	79	WM-186	354	76								5600
H-2	1	10	88	434	WM-187	1855	75	WM-186	374	76								4720
H-2	1	10	88	435	WM-187	1933	75	WM-186	379	76								4880
H-2	2	10	88	436	WM-187	2061	75	WM-186	415	76								5200
H-2	2	10	88	437	WM-187	1140	75	WM-186	271	76								2320
H-2	3	10	88	438	WM-189	1958	79	WM-186	412	76								5520
H-2	3	10	88	439	WM-189	1981	79	WM-186	397	76								5520
H-2	4	10	88	440	WM-189	1966	79	WM-186	391	76								5520
H-2	5	10	88	441	WM-189	1801	79	WM-186	376	76								5040
H-2	6	10	88	442	WM-189	1973	79	WM-186	334	76								5520
H-2	27	11	88	DB	Dolomite Bed (approx. 110 cubic feet)						7715	92						
H-2	27	11	88	1C	Cold									2259	2.2		10.6	
H-2	28	11	88	DB	Dolomite Bed (approx. 15 cubic feet)						1052	92						
H-2	28	11	88	DB	Dolomite Bed (approx. 15 cubic feet)						1052	92						
H-2	28	11	88	DB	Dolomite Bed (approx. 15 cubic feet)						1052	92						
H-2	29	11	88	2C	Cold									826	2.2		4.2	
H-2	29	11	88	3C	Cold									1500	2.2		7.0	
H-2	30	11	88	4C	Cold									1330	2.2		6.2	
H-2	2	12	88	5C	Cold									1500	2.2		7.0	
H-2	3	12	88	6C	Cold									2000	2.2		9.4	
H-2	8	12	88	7C	Cold									1000	2.2		6.0	
H-2	8	12	88	8C	Cold									1640	2.2		7.6	
H-2	9	12	88	9C	Cold									1154	2.2		5.6	
H-3	28	5	89	DB	Dolomite Bed (approx. 35 cubic feet)						2455	92						
H-3	29	5	89	DB	Dolomite Bed (approx. 35 cubic feet)						2455	92						
H-3	29	5	89	DB	Dolomite Bed (approx. 35 cubic feet)						2455	92						
H-3	19	6	89	DB	Dolomite Bed (approx. 15 cubic feet)						1052	92						
H-3	19	6	89	DB	Dolomite Bed (approx. 15 cubic feet)						1052	92						
H-3	19	6	89	DB	Dolomite Bed (approx. 15 cubic feet)						1052	92						
H-3	18	6	89	1C	Cold									2640	2.2		12.4	
H-3	18	6	89	2C	Cold									2416	2.2		11.3	
H-3	21	6	89	3C	Cold									1992	2.2		11.3	

Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF	Date			Batch		Feed Stream								Cold Chemicals				
						1		2		3		Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>2</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>		
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-3	21	6	89	4C	Cold									1958	2.2		11.9	
H-3	22	6	89	5C	Cold									2270	2.2		12.5	
H-3	23	6	89	6C	Cold									2290	2.2		12.6	
H-3	1	12	90	1C	Cold									2012	2.2		9.4	
H-3	2	12	90	2C	Cold									1932	2.2		12.8	
H-3	3	12	90	3C	Cold									2000	2.2		13.8	
H-3	4	12	90	4C	Cold									1850	2.2		13.4	
H-3	5	12	90	5C	Cold									1704	2.2		14.1	
H-3	6	12	90	6C	Cold									1674	2.2		10.3	
H-3	7	12	90	7C	Cold									1732	2.2		11.1	
H-3	8	12	90	8C	Cold									1447	2.2		9.9	
H-3	9	12	90	9C	Cold									1536	2.2		10.4	
H-3	10	12	90	10C	Cold									2029	2.2		10.9	
H-3	11	12	90	1	WM-188	1482	80	WM-185	353	81				1489	2.2		7.0	3302
H-3	12	12	90	2	WM-188	1525	80	WM-185	292	81								3280
H-3	12	12	90	3	WM-188	1542	80	WM-185	301	81								3486
H-3	13	12	90	4	WM-188	1489	80	WM-185	306	81								3370
H-3	14	12	90	5	WM-188	1560	80	WM-185	299	81								3600
H-3	14	12	90	6	WM-188	1615	80	WM-185	372	81								3680
H-3	15	12	90	7	WM-188	1786	80	WM-185	340	81								4080
H-3	15	12	90	8	WM-188	1627	80	WM-185	327	81								3680
H-3	17	12	90	9	WM-188	1850	80	WM-185	370	81								4240
H-3	17	12	90	10	WM-188	1789	80	WM-185	363	81								4080
H-3	18	12	90	11	WM-187	1642	82	WM-185	295	81								4240
H-3	19	12	90	12	WM-187	1540	82	WM-185	506	81								4400
H-3	20	12	90	13	WM-187	1852	82	WM-185	270	81								4320
H-3	21	12	90	14	WM-187	1548	82	WM-185	228	81								3600
H-3	21	12	90	15	WM-187	1378	82	WM-185	209	81								3200
H-3	22	12	90	16	WM-182	1264	83	WM-185	269	81	WM-187	573	82				29.0	1473
H-3	23	12	90	17	WM-182	1293	83	WM-185	268	81	WM-187	573	82				30.0	1520
H-3	24	12	90	18	WM-182	1252	83	WM-185	271	81	WM-187	576	82				30.5	1440
H-3	24	12	90	19	WM-182	1205	83	WM-185	242	81	WM-187	514	82					1416
H-3	26	12	90	20	WM-182	1294	83	WM-185	270	81	WM-187	574	82					1520
H-3	26	12	90	21	WM-188	1536	80	WM-185	269	81								3458
H-3	27	12	90	22	WM-188	1799	80	WM-185	222	81								4880
H-3	28	12	90	23	WM-188	1758	80	WM-185	222	81								4720
H-3	29	12	90	24	WM-188	1719	80	WM-185	264	81								4720
H-3	30	12	90	25	WM-188	1712	80	WM-185	244	81								4640
H-3	1	1	91	26	WM-188	1732	80	WM-185	230	81								4720
H-3	2	1	91	27	WM-188	1752	80	WM-185	296	81								4800
H-3	3	1	91	28	WM-188	1416	80	WM-185	206	81								3840
H-3	4	1	91	29	WM-188	1636	80	WM-185	232	81								4480
H-3	4	1	91	30	WM-188	1542	80	WM-185	215	81								4160
H-3	5	1	91	31	WM-188	1925	80	WM-185	266	81								5200
H-3	5	1	91	32	WM-188	1809	80	WM-185	266	81								4880
H-3	6	1	91	33	WM-188	1642	80	WM-185	228	81								4480
H-3	7	1	91	34	WM-188	1205	80	WM-185	164	81								3280
H-3	7	1	91	35	WM-188	1699	80	WM-185	255	81								4640
H-3	8	1	91	36	WM-188	1526	80	WM-185	198	81								4160
H-3	9	1	91	37	WM-182	1225	83	WM-185	260	81	WM-187	555	82				29.2	1440
H-3	9	1	91	38	WM-182	1304	83	WM-185	284	81	WM-187	606	82				31.0	1600
H-3	10	1	91	39	WM-182	1052	83	WM-185	225	81	WM-187	481	82				23.6	1280
H-3	11	1	91	40	WM-182	1151	83	WM-185	239	81	WM-187	510	82				27.9	1360
H-3	11	1	91	41	WM-182	1230	83	WM-185	254	81	WM-187	543	82				28.7	1440
H-3	12	1	91	42	WM-182	1186	83	WM-185	249	81	WM-187	531	82				27.7	1360
H-3	12	1	91	43	WM-182	1440	83	WM-185	290	81	WM-187	619	82				33.0	1680
H-3	13	1	91	44	WM-182	1058	83	WM-185	242	81	WM-187	515	82				28.5	1360
H-3	13	1	91	45	WM-182	1013	83	WM-185	220	81	WM-187	470	82				24.7	1200
H-3	14	1	91	46	WM-182	1182	83	WM-185	272	81	WM-187	579	82				28.7	1440
H-3	14	1	91	47	WM-182	1428	83	WM-185	289	81	WM-187	617	82				32.9	1760
H-3	15	1	91	48	WM-182	1404	83	WM-185	300	81	WM-187	641	82				33.0	1680
H-3	15	1	91	49	WM-182	1391	83	WM-185	298	81	WM-187	634	82				33.0	1680
H-3	16	1	91	50	WM-182	1303	83	WM-185	291	81	WM-187	621	82				31.0	1520
H-3	16	1	91	51	WM-182	1375	83	WM-185	296	81	WM-187	630	82				33.0	1680
H-3	17	1	91	52	WM-182	1390	83	WM-185	289	81	WM-187	617	82				32.5	1600
H-3	17	1	91	53	WM-182	1480	83	WM-185	319	81	WM-187	680	82				35.0	1760
H-3	18	1	91	54	WM-182	1375	83	WM-185	305	81	WM-187	651	82				33.0	1680
H-3	18	1	91	55	WM-188	1793	80	WM-185	270	81								4880

Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF	Date			Batch No.	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-3	19	1	91	56	WM-188	1807	80	WM-185	313	81								4960
H-3	20	1	91	57	WM-188	1728	80	WM-185	302	81								4720
H-3	20	1	91	58	WM-182	1451	83	WM-185	244	81	WM-187	731	82				34.0	1760
H-3	21	1	91	59	WM-182	1265	83	WM-185	203	81	WM-187	609	82				29.3	1440
H-3	21	1	91	60	WM-182	1238	83	WM-185	209	81	WM-187	627	82				29.5	1520
H-3	22	1	91	61	WM-182	1063	83	WM-185	233	81	WM-187	699	82				28.0	1760
H-3	22	1	91	62	WM-182	986	83	WM-185	222	81	WM-187	666	82				26.5	1680
H-3	23	1	91	63	WM-182	1078	83	WM-185	231	81	WM-187	693	82				28.5	1760
H-3	24	1	91	64	WM-182	1128	83	WM-185	242	81	WM-187	726	82				29.6	1840
H-3	24	1	91	65	WM-182	1081	83	WM-185	233	81	WM-187	699	82				28.5	1760
H-3	25	1	91	66	WM-182	1079	83	WM-185	230	81	WM-187	690	82				28.3	1760
H-3	25	1	91	67	WM-182	148	83	WM-185	33	81	WM-187	99	82				4.0	240
H-3	10	3	91	DB	Dolomite Bed (approx. 100 cubic feet)							7014	92					
H-3	11	3	91	DB	Dolomite Bed (approx. 13 cubic feet)							885	92					
H-3	11	3	91	DB	Dolomite Bed (approx. 25 cubic feet)							1770	92					
H-3	11	3	91	11C	Cold									1804	2.2		8.4	
H-3	12	3	91	DB	Dolomite Bed (approx. 18 cubic feet)							1239	92					
H-3	12	3	91	DB	Dolomite Bed (approx. 8 cubic feet)							531	92					
H-3	12	3	91	DB	Dolomite Bed (approx. 23 cubic feet)							1593	92					
H-3	12	3	91	12C	Cold									1956	2.2		9.2	
H-3	13	3	91	13C	Cold									1712	2.15		11.0	
H-3	14	3	91	DB	Dolomite Bed (approx. 15 cubic feet)							1062	92					
H-3	14	3	91	14C	Cold									1512	2.2		12.0	
H-3	14	3	91	15C	Cold									1523	2.2		9.3	
H-3	16	3	91	16C	Cold									1511	2.12		11.4	
H-3	16	3	91	17C	Cold									1025	2.2		6.3	
H-3	30	3	91	18C	Cold									1823	2.2		11.0	
H-3	2	4	91	19C	Cold									1454	2.2		7.7	
H-3	3	4	91	68	WM-188	2034	80	WM-185	277	81								5520
H-3	4	4	91	69	WM-188	1970	80	WM-185	327	81								5360
H-3	6	4	91	70	WM-188	1596	80	WM-185	249	81								4352
H-3	7	4	91	71	WM-188	1767	80	WM-185	302	81								4800
H-3	8	4	91	72	WM-188	1793	80	WM-185	318	81								4880
H-3	8	4	91	73	WM-188	1757	80	WM-185	269	81								4800
H-3	9	4	91	74	WM-188	1433	80	WM-185	237	81								4000
H-3	10	4	91	75	WM-182	759	83	WM-185	162	81	WM-187	486	82				10.8	1212
H-3	10	4	91	76	WM-182	763	83	WM-185	164	81	WM-187	490	82				10.8	1280
H-3	11	4	91	77	WM-182	1012	83	WM-185	217	81	WM-187	650	82				26.6	1600
H-3	11	4	91	78	WM-182	1378	83	WM-185	295	81	WM-187	886	82				36.2	2240
H-3	12	4	91	79	WM-182	987	83	WM-185	211	81	WM-187	633	82				25.9	1600
H-3	13	4	91	80	WM-182	1270	83	WM-185	219	81	WM-187	656	82				30.3	1680
H-3	13	4	91	81	WM-182	1207	83	WM-185	256	81	WM-187	768	82				31.5	1920
H-3	14	4	91	82	WM-182	1096	83	WM-185	230	81	WM-187	691	82				28.5	1760
H-3	14	4	91	DB	Dolomite Bed (approx. 18 cubic feet)							1278	92					
H-3	15	4	91	83	WM-182	1001	83	WM-185	215	81	WM-187	644	82				26.4	1600
H-3	15	4	91	DB	Dolomite Bed (approx. 26 cubic feet)							1789	92					
H-3	16	4	91	84	WM-182	594	83	WM-185	162	81	WM-187	665	82	649	2.2		17.6	1900
H-3	16	4	91	85	WM-182	652	83	WM-185	209	81	WM-187	836	82	623	2.2		18.5	2000
H-3	17	4	91	86	WM-182	622	83	WM-185	196	81	WM-187	799	82	651	2.2		21.0	1920
H-3	18	4	91	87	WM-182	638	83	WM-185	204	81	WM-187	813	82	716	2.2		24.0	2000
H-3	19	4	91	88	WM-182	611	83	WM-185	189	81	WM-187	756	82	641	2.2		22.0	1840
H-3	19	4	91	89	WM-182	636	83	WM-185	218	81	WM-187	870	82	665	2.2		23.0	2097
H-3	20	4	91	90	WM-182	610	83	WM-185	199	81	WM-187	797	82	730	2.2		34.0	1923
H-3	21	4	91	91	WM-182	631	83	WM-185	204	81	WM-187	816	82	669	2.2		32.3	2000
H-3	21	4	91	92	WM-182	639	83	WM-185	205	81	WM-187	822	82	630	2.2		33.4	2000
H-3	22	4	91	93	WM-182	649	83	WM-185	208	81	WM-187	831	82	647	2.2		34.5	2000
H-3	23	4	91	94	WM-182	616	83	WM-185	197	81	WM-187	786	82	692	2.2		33.2	1920
H-3	24	4	91	95	WM-182	611	83	WM-185	196	81	WM-187	782	82	644	2.2		33.4	1920
H-3	24	4	91	96	WM-182	608	83	WM-185	193	81	WM-187	770	82	593	2.2		32.0	1920
H-3	25	4	91	97	WM-182	735	83	WM-185	207	81	WM-187	829	82	533	2.2		33.6	2008
H-3	26	4	91	98	WM-182	741	83	WM-185	204	81	WM-187	818	82	574	2.2		33.2	2000
H-3	27	4	91	99	WM-182	735	83	WM-185	206	81	WM-187	822	82	545	2.2		34.0	2000
H-3	27	4	91	100	WM-182	690	83	WM-185	188	81	WM-187	754	82	530	2.2		28.3	1840
H-3	28	4	91	101	WM-182	691	83	WM-185	193	81	WM-187	770	82	274	2.2		24.8	1840
H-3	29	4	91	102	WM-182	1083	83	WM-185	218	81	WM-187	874	82	292	2.2		33.0	2160
H-3	30	4	91	103	WM-182	1043	83	WM-185	207	81	WM-187	830	82	231	2.2		32.4	2080
H-3	1	5	91	104	WM-182	963	83	WM-185	194	81	WM-187	777	82	248	2.2		30.1	1920
H-3	2	5	91	105	WM-182	993	83	WM-185	205	81	WM-187	819	82	275	2.2		33.3	2000

Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF	Date			Batch	Feed Stream										Cold Chemicals				
					1			2			3				Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
	Camp	d	mo		yr	No	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg
H-3	2	5	91	106	WM-182	983	83	WM-185	194	81	WM-187	777	82	240	2.2			30.9	1920
H-3	3	5	91	107	WM-182	1028	83	WM-185	203	81	WM-187	810	82	283	2.2			34.0	2000
H-3	4	5	91	108	WM-182	1243	83	WM-185	199	81	WM-187	798	82					32.2	2000
H-3	5	5	91	109	WM-182	1227	83	WM-185	197	81	WM-187	787	82					29.7	1960
H-3	5	5	91	110	WM-182	1254	83	WM-185	201	81	WM-187	804	82					31.2	2000
H-3	6	5	91	111	WM-182	1255	83	WM-185	199	81	WM-187	796	82					30.9	2000
H-3	7	5	91	112	WM-182	1317	83	WM-185	205	81	WM-187	819	82					32.7	2000
H-3	7	5	91	113	WM-182	1190	83	WM-185	191	81	WM-187	765	82					31.7	1920
H-3	8	5	91	114	WM-182	1198	83	WM-185	188	81	WM-187	752	82					31.9	1920
H-3	9	5	91	115	WM-182	1217	83	WM-185	193	81	WM-187	772	82					30.6	1920
H-3	10	5	91	116	WM-182	1405	83	WM-185	226	81	WM-187	904	82					30.7	2240
H-3	10	5	91	DB	Dolomite Bed (approx. 30 cubic feet)							2071	92						
H-3	11	5	91	DB	Dolomite Bed (approx. 25 cubic feet)							1725	92						
H-3	11	5	91	DB	Dolomite Bed (approx. 20 cubic feet)							1380	92						
H-3	11	5	91	DB	Dolomite Bed (approx. 13 cubic feet)							920	92						
H-3	12	5	91	117	WM-182	1303	83	WM-185	207	81	WM-187	754	82					33.2	1920
H-3	13	5	91	118	WM-182	1310	83	WM-185	202	81	WM-187	734	82					32.1	1920
H-3	13	5	91	119	WM-182	1344	83	WM-185	211	81	WM-187	765	82					32.5	1920
H-3	14	5	91	120	WM-182	1139	83	WM-185	178	81	WM-187	648	82					29.3	1600
H-3	15	5	91	121	WM-182	1446	83	WM-185	215	81	WM-187	781	82					35.4	2000
H-3	15	5	91	122	WM-182	1431	83	WM-185	224	81	WM-187	811	82					35.5	2000
H-3	16	5	91	123	WM-182	1220	83	WM-185	226	81	WM-187	698	82					35.0	1760
H-3	17	5	91	124	WM-182	1176	83	WM-185	219	81	WM-187	674	82					33.4	1680
H-3	17	5	91	125	WM-182	1358	83	WM-185	236	81	WM-187	728	82					36.4	1840
H-3	18	5	91	126	WM-182	1311	83	WM-185	245	81	WM-187	754	82					36.1	1840
H-3	18	5	91	127	WM-182	1311	83	WM-185	242	81	WM-187	747	82					36.6	1840
H-3	19	5	91	128	WM-182	1320	83	WM-185	245	81	WM-187	754	82					37.7	1920
H-3	20	5	91	129	WM-182	1329	83	WM-185	247	81	WM-187	761	82					36.3	1920
H-3	21	5	91	130	WM-182	1525	83	WM-185	230	81	WM-187	708	82					32.9	1840
H-3	21	5	91	131	WM-182	1198	83	WM-185	221	81	WM-187	681	82					33.3	1760
H-3	22	5	91	132	WM-182	1345	83	WM-185	248	81	WM-187	764	82					35.5	1920
H-3	23	5	91	133	WM-182	1310	83	WM-185	249	81	WM-187	767	82					34.0	1920
H-3	23	5	91	134	WM-182	1311	83	WM-185	241	81	WM-187	741	82					34.5	1760
H-3	24	5	91	135	WM-182	1232	83	WM-185	230	81	WM-187	708	82					35.0	1760
H-3	25	5	91	136	WM-182	1196	83	WM-185	219	81	WM-187	673	82					32.2	1760
H-3	26	5	91	137	WM-182	1284	83	WM-185	234	81	WM-187	722	82					33.4	1760
H-3	26	5	91	138	WM-182	1323	83	WM-185	243	81	WM-187	747	82					33.9	1760
H-3	27	5	91	139	WM-182	1217	83	WM-185	226	81	WM-187	697	82					34.0	1760
H-3	28	5	91	140	WM-182	1223	83	WM-185	225	81	WM-187	694	82					34.5	1760
H-3	29	5	91	141	WM-182	1208	83	WM-185	224	81	WM-187	691	82					34.4	1760
H-3	30	5	91	142	WM-182	1020	83	WM-185	163	81	WM-187	593	82					27.0	1600
H-3	31	5	91	143	WM-182	1038	83	WM-185	177	81	WM-187	641	82					29.6	1600
H-3	4	6	91	144	WM-182	1276	83	WM-185	205	81	WM-187	743	82					40.6	1920
H-3	4	6	91	DB	Dolomite Bed (approx. 43 cubic feet)							2991	92						
H-3	5	6	91	DB	Dolomite Bed (approx. 34 cubic feet)							2396	92						
H-3	5	6	91	DB	Dolomite Bed (approx. 18 cubic feet)							1239	92						
H-3	6	6	91	145	WM-182	426	83	WM-185	137	81	WM-187	496	82	400	2.2			22.5	1200
H-3	7	6	91	146	WM-182	470	83	WM-185	156	81	WM-187	565	82	498	2.2			26.5	1360
H-3	8	6	91	147	WM-188	1793	80	WM-185	300	81									4320
H-3	8	6	91	148	WM-188	1800	80	WM-185	297	81									4320
H-3	9	6	91	149	WM-188	1796	80	WM-185	310	81									4320
H-3	9	6	91	150	WM-188	1790	80	WM-185	299	81									4320
H-3	10	6	91	151	WM-188	1833	80	WM-185	300	81									4400
H-3	11	6	91	152	WM-188	1788	80	WM-185	295	81									4320
H-3	12	6	91	153	WM-188	1794	80	WM-185	292	81									4320
H-3	12	6	91	154	WM-188	1831	80	WM-185	308	81									4400
H-3	13	6	91	155	WM-188	1812	80	WM-185	292	81									4400
H-3	14	6	91	156	WM-188	1801	80	WM-185	294	81									4320
H-3	14	6	91	157	WM-188	1678	80	WM-185	275	81									4080
H-3	15	6	91	158	WM-188	1818	80	WM-185	299	81									4400
H-3	15	6	91	159	WM-188	1788	80	WM-185	292	81									4320
H-3	16	6	91	160	WM-188	1794	80	WM-185	296	81									4320
H-3	17	6	91	161	WM-188	1799	80	WM-185	302	81									4320
H-3	17	6	91	162	WM-188	1717	80	WM-185	278	81									4160
H-3	18	6	91	163	WM-188	2075	80	WM-185	309	81									4960
H-3	19	6	91	164	WM-188	1808	80	WM-185	291	81									4400
H-3	20	6	91	165	WM-188	1798	80	WM-185	299	81									4320
H-3	20	6	91	166	WM-188	1787	80	WM-185	297	81									4320

Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF Camp.	Date			Batch No.	Feed Stream												Cold Chemicals				
	d	mo	yr		1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>			
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb			
H-3	21	6	91	167	WM-188	1819	80	WM-185	303	81								4400			
H-3	22	6	91	168	WM-188	1829	80	WM-185	307	81								4400			
H-3	22	6	91	169	WM-188	1799	80	WM-185	296	81								4320			
H-3	23	6	91	170	WM-188	1784	80	WM-185	295	81								4320			
H-3	24	6	91	171	WM-188	1767	80	WM-185	291	81								4240			
H-3	25	6	91	172	WM-188	1802	80	WM-185	296	81								4320			
H-3	25	6	91	173	WM-188	1699	80	WM-185	291	81								4080			
H-3	26	6	91	174	WM-188	1781	80	WM-185	296	81								4240			
H-3	27	6	91	175	WM-188	1799	80	WM-185	307	81								4320			
H-3	27	6	91	176	WM-188	1780	80	WM-185	298	81								4240			
H-3	28	6	91	177	WM-188	1798	80	WM-185	295	81								4320			
H-3	29	6	91	178	WM-188	1813	80	WM-185	302	81								4320			
H-3	30	6	91	179	WM-188	1788	80	WM-185	298	81								4320			
H-3	30	6	91	180	WM-188	1920	80	WM-185	320	81								4640			
H-3	1	7	91	181	WM-188	1794	80	WM-185	300	81								4320			
H-3	2	7	91	182	WM-188	1804	80	WM-185	299	81								4320			
H-3	2	7	91	183	WM-182	845	83	WM-185	172	81	WM-187	658	82	219	2.2		29.0	1600			
H-3	3	7	91	184	WM-182	841	83	WM-185	173	81	WM-187	662	82	232	2.2		30.0	1600			
H-3	4	7	91	185	WM-182	844	83	WM-185	173	81	WM-187	660	82	222	2.2		31.4	1680			
H-3	5	7	91	186	WM-182	831	83	WM-185	167	81	WM-187	639	82	232	2.2		30.2	1600			
H-3	5	7	91	187	WM-182	831	83	WM-185	168	81	WM-187	640	82	440	2.2		30.0	1600			
H-3	5	7	91	DB	Dolomite Bed (approx. 21 cubic feet)							1438	92								
H-3	6	7	91	188	WM-182	838	83	WM-185	171	81	WM-187	653	82	604	2.2		38.0	2249			
H-3	6	7	91	189	WM-182	856	83	WM-185	174	81	WM-187	664	82	516	2.2		33.0	1600			
H-3	7	7	91	190	WM-182	561	83	WM-185	168	81	WM-187	641	82	510	2.2		28.0	1600			
H-3	8	7	91	191	WM-182	574	83	WM-185	174	81	WM-187	663	82	557	2.2		28.1	1600			
H-3	8	7	91	192	WM-182	573	83	WM-185	168	81	WM-187	640	82	494	2.2		25.5	1520			
H-3	9	7	91	193	WM-182	560	83	WM-185	171	81	WM-187	654	82	518	2.2		26.6	1600			
H-3	9	7	91	194	WM-182	698	83	WM-185	225	81	WM-187	861	82	640	2.2		33.6	2080			
H-3	10	7	91	195	WM-182	678	83	WM-185	204	81	WM-187	781	82	624	2.2		33.0	1920			
H-3	10	7	91	196	WM-182	681	83	WM-185	201	81	WM-187	769	82	607	2.2		31.8	1840			
H-3	11	7	91	197	WM-182	682	83	WM-185	202	81	WM-187	771	82	660	2.2		33.0	1840			
H-3	12	7	91	198	WM-182	542	83	WM-185	162	81	WM-187	617	82	472	2.2		26.0	1680			
H-3	12	7	91	199	WM-182	740	83	WM-185	216	81	WM-187	823	82	658	2.2		34.2	2000			
H-3	13	7	91	200	WM-182	743	83	WM-185	209	81	WM-187	800	82	605	2.2		34.7	2000			
H-3	14	7	91	201	WM-182	735	83	WM-185	151	81	WM-187	575	82	622	2.2		34.2	1920			
H-3	14	7	91	202	WM-182	748	83	WM-185	206	81	WM-187	786	82	564	2.2		33.9	1920			
H-3	15	7	91	203	WM-182	758	83	WM-185	211	81	WM-187	807	82	563	2.2		34.1	2000			
H-3	16	7	91	204	WM-182	655	83	WM-185	182	81	WM-187	693	82	504	2.2		32.7	1680			
H-3	16	7	91	205	WM-182	927	83	WM-185	190	81	WM-187	724	82	388	2.2		33.6	1760			
H-3	17	7	91	206	WM-182	939	83	WM-185	212	81	WM-187	808	82	374	2.2		34.0	2000			
H-3	18	7	91	207	WM-182	946	83	WM-185	201	81	WM-187	767	82	382	2.2		34.8	1840			
H-3	19	7	91	208	WM-182	938	83	WM-185	206	81	WM-187	786	82	384	2.2		32.3	1920			
H-3	20	7	91	209	WM-182	957	83	WM-185	233	81	WM-187	888	82	373	2.2		34.0	2160			
H-3	21	7	91	210	WM-182	957	83	WM-185	210	81	WM-187	803	82	369	2.2		34.3	2000			
H-3	21	7	91	211	WM-182	941	83	WM-185	208	81	WM-187	793	82	418	2.2		34.3	2000			
H-3	22	7	91	212	WM-182	950	83	WM-185	207	81	WM-187	791	82	394	2.2		34.8	2000			
H-3	24	7	91	213	WM-182	1330	83	WM-185	207	81	WM-187	789	82				33.5	2000			
H-3	24	7	91	214	WM-182	1269	83	WM-185	236	81	WM-187	764	82				31.1	1920			
H-3	25	7	91	215	WM-182	1308	83	WM-185	243	81	WM-187	786	82				33.5	2000			
H-3	26	7	91	216	WM-182	1281	83	WM-185	239	81	WM-187	772	82				32.0	1920			
H-3	27	7	91	217	WM-182	1311	83	WM-185	243	81	WM-187	785	82				32.0	2000			
H-3	27	7	91	218	WM-182	1285	83	WM-185	248	81	WM-187	802	82				32.8	2000			
H-3	27	7	91	219	WM-182	1311	83	WM-185	243	81	WM-187	787	82				32.4	2000			
H-3	29	7	91	220	WM-182	1217	83	WM-185	224	81	WM-187	725	82				31.0	1840			
H-3	30	7	91	221	WM-182	1232	83	WM-185	230	81	WM-187	744	82				34.4	1920			
H-3	30	7	91	222	WM-182	1296	83	WM-185	238	81	WM-187	770	82				31.8	2000			
H-3	31	7	91	223	WM-182	1302	83	WM-185	238	81	WM-187	771	82				33.0	1920			
H-3	1	8	91	224	WM-182	1311	83	WM-185	244	81	WM-187	789	82				31.0	2000			
H-3	2	8	91	225	WM-182	1281	83	WM-185	241	81	WM-187	781	82				32.3	2000			
H-3	2	8	91	226	WM-182	1290	83	WM-185	246	81	WM-187	785	82				30.5	2000			
H-3	3	8	91	227	WM-182	1315	83	WM-185	246	81	WM-187	797	82				33.6	2000			
H-3	4	8	91	228	WM-182	1287	83	WM-185	236	81	WM-187	764	82				32.6	1920			
H-3	4	8	91	229	WM-182	1316	83	WM-185	244	81	WM-187	790	82				32.4	2000			
H-3	5	8	91	230	WM-182	1283	83	WM-185	238	81	WM-187	771	82				33.0	1920			
H-3	6	8	91	231	WM-182	1064	83	WM-185	198	81	WM-187	642	82	590	2.2		29.2	1595			
H-3	15	8	91	DB	Dolomite Bed (approx. 100 cubic feet)							7014	92								
H-3	16	8	91	DB	Dolomite Bed (approx. 35 cubic feet)							2478	92								

Table A5. Calciner Feed to Calcined Solids Storage Facility V. (continued)

NWCF	Date			Batch	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
Camp.	d	mo	yr	No.	Dolomite Bed (approx. 5 cubic feet)							354	92					
H-3	16	8	91	DB	Dolomite Bed (approx. 11 cubic feet)							796	92					
H-3	16	8	91	21C	Cold									1924	2.2		9.0	
H-3	17	8	91	DB	Dolomite Bed (approx. 15 cubic feet)							1062	92					
H-3	17	8	91	DB	Dolomite Bed (approx. 13 cubic feet)							885	92					
H-3	17	8	91	DB	Dolomite Bed (approx. 10 cubic feet)							708	92					
H-3	17	8	91	22C	Cold									2052	2.2		14.2	
H-3	19	8	91	233	WM-182	603	83	WM-185	205	81	WM-187	664	82	532	2.2		30.0	1680
H-3	19	8	91	DB	Dolomite Bed (approx. 13 cubic feet)							885	92					
H-3	18	8	91	234	WM-182	624	83	WM-185	223	81	WM-187	722	82	589	2.2		33.8	1760
H-3	20	8	91	235	WM-182	611	83	WM-185	215	81	WM-187	694	82				32.6	1680
H-3	21	8	91	236	WM-182	1272	83	WM-185	237	81	WM-187	765	82				34.7	1920
H-3	22	8	91	237	WM-182	1309	83	WM-185	241	81	WM-187	779	82				33.9	2000
H-3	22	8	91	238	WM-182	1201	83	WM-185	226	81	WM-187	732	82				32.4	1840
H-3	23	8	91	239	WM-182	1204	83	WM-185	226	81	WM-187	732	82				33.4	1840
H-3	24	8	91	240	WM-182	1218	83	WM-185	220	81	WM-187	711	82				33.4	1760
H-3	24	8	91	241	WM-182	1200	83	WM-185	229	81	WM-187	740	82				32.5	1840
H-3	25	8	91	242	WM-182	1205	83	WM-185	223	81	WM-187	722	82				32.2	1840
H-3	26	8	91	243	WM-182	1233	83	WM-185	227	81	WM-187	735	82				33.1	1840
H-3	26	8	91	244	WM-182	1274	83	WM-185	237	81	WM-187	767	82				33.2	1920
H-3	27	8	91	245	WM-182	1243	83	WM-185	236	81	WM-187	764	82				31.7	1920

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Table A6. Calciner Feed to Calcined Solids Storage Facility VI.

NWCF Camp.	Date			Batch No.	Feed Stream									Cold Chemicals				
	d	mo	yr		1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-3	26	4	86	PPC	Pilot Plant Calcine (approx. 40 cubic feet added directly to bin)							2340	94					
H-3	8	1	93	DB	Dolomite Bed (approx. 22 cubic feet)							1574	92					
H-3	8	1	93	DB	Dolomite Bed (approx. 18 cubic feet)							1255	92					
H-3	8	1	93	DB	Dolomite Bed (approx. 15 cubic feet)							1046	92					
H-3	8	1	93	27C	Cold									1792	1.9		8.4	
H-3	8	1	93	28C	Cold									1845	1.9		8.4	
H-3	9	1	93	DB	Dolomite Bed (approx. 13 cubic feet)							941	92					
H-3	9	1	93	29C	Cold									1773	2.07		10.2	
H-3	24	1	93	DB	Dolomite Bed (approx. 15 cubic feet)							1046	92					
H-3	26	1	93	30C	Cold									1680	2.2		10.1	
H-3	27	1	93	31C	Cold									1743	2.2		11.3	
H-3	28	1	93	32C	Cold									946	2.2		10.2	
H-3	11	3	93	DB	Dolomite Bed (approx. 14 cubic feet)							959	92					
H-3	11	3	93	DB	Dolomite Bed (approx. 10 cubic feet)							703	92					
H-3	11	3	93	DB	Dolomite Bed (approx. 13 cubic feet)							895	92					
H-3	14	3	93	33C	Cold									1726	2.2		11.8	
H-3	16	3	93	34C	Cold									1878	2.2		9.7	20
H-3	18	3	93	35C	Cold									1620	2.2		10.4	
H-3	20	3	93	247	WM-182	1301	83	WM-185	240	81	WM-187	776	82				36.0	1978
H-3	20	3	93	248	WM-182	1114	83	WM-185	205	81	WM-187	663	82				31.3	1616
H-3	21	3	93	249	WM-182	1178	83	WM-185	200	81	WM-187	711	82				34.6	1840
H-3	22	3	93	250	WM-182	1119	83	WM-185	198	81	WM-187	647	82				32.6	1680
H-3	23	3	93	251	WM-182	1052	83	WM-185	198	81	WM-187	637	82				32.0	1680
H-3	24	3	93	252	WM-182	1055	83	WM-185	196	81	WM-187	631	82				20.5	1680
H-3	24	3	93	253	WM-182	1063	83	WM-185	198	81	WM-187	639	82				28.7	1680
H-3	25	3	93	254	WM-182	888	83	WM-185	164	81	WM-187	530	82				26.1	1360
H-3	25	3	93	255	WM-182	1092	83	WM-185	203	81	WM-187	657	82				31.8	1680
H-3	26	3	93	256	WM-182	1113	83	WM-185	200	81	WM-187	646	82				31.8	1680
H-3	27	3	93	257	WM-182	1076	83	WM-185	200	81	WM-187	649	82				30.3	1680
H-3	27	3	93	258	WM-182	871	83	WM-185	159	81	WM-187	511	82				22.5	1280
H-3	28	3	93	259	WM-182	1061	83	WM-185	199	81	WM-187	640	82				30.2	1680
H-3	29	3	93	260	WM-182	1061	83	WM-185	200	81	WM-187	645	82				28.6	1680
H-3	29	3	93	261	WM-182	1106	83	WM-185	197	81	WM-187	636	82				29.3	1680
H-3	30	3	93	262	WM-182	1088	83	WM-185	192	81	WM-187	621	82				28.4	1600
H-3	31	3	93	263	WM-182	1050	83	WM-185	195	81	WM-187	630	82				29.9	1600
H-3	31	3	93	264	WM-182	1042	83	WM-185	192	81	WM-187	619	82				30.4	1600
H-3	1	4	93	265	WM-182	1041	83	WM-185	195	81	WM-187	630	82				24.7	1600
H-3	2	4	93	266	WM-182	960	83	WM-185	177	81	WM-187	572	82				29.0	1520
H-3	3	4	93	267	WM-182	1057	83	WM-185	197	81	WM-187	637	82				30.1	1600
H-3	3	4	93	268	WM-182	1059	83	WM-185	199	81	WM-187	640	82				30.4	1680
H-3	4	4	93	269	WM-182	987	83	WM-185	184	81	WM-187	595	82				30.0	1520
H-3	5	4	93	270	WM-182	979	83	WM-185	177	81	WM-187	570	82				30.0	1520
H-3	5	4	93	271	WM-182	1044	83	WM-185	194	81	WM-187	625	82				27.6	1600
H-3	6	4	93	272	WM-182	1089	83	WM-185	200	81	WM-187	644	82				31.0	1680
H-3	7	4	93	273	WM-182	1110	83	WM-185	206	81	WM-187	666	82				28.9	1680
H-3	7	4	93	274	WM-182	1224	83	WM-185	227	81	WM-187	734	82				29.0	1920
H-3	8	4	93	275	WM-182	719	83	WM-185	204	81	WM-187	659	82				29.3	1680
H-3	9	4	93	276	WM-182	1068	83	WM-185	199	81	WM-187	640	82				29.3	1680
H-3	10	4	93	277	WM-182	1641	83							604	2		8.5	160
H-3	11	4	93	DB	Dolomite Bed (approx. 15 cubic feet)							575	92					
H-3	11	4	93	DB	Dolomite Bed (approx. 10 cubic feet)							703	92					
H-3	11	4	93	DB	Dolomite Bed (approx. 8 cubic feet)							895	92					
H-3	11	4	93	278	WM-182	1619	83							547	2		8.2	160
H-3	12	4	93	279	WM-182	1763	83							835	2		9.6	160
H-3	12	4	93	280	WM-182	938	83							1008	2		7.9	160
H-3	13	4	93	281	WM-182	1064	83	WM-185	199	81	WM-187	643	82				31.7	1680
H-3	14	4	93	282	WM-182	1060	83	WM-185	202	81	WM-187	653	82				32.0	1680
H-3	15	4	93	283	WM-182	1063	83	WM-185	198	81	WM-187	638	82				31.9	1680
H-3	17	4	93	284	WM-182	1084	83	WM-185	200	81	WM-187	649	82				30.8	1680
H-3	18	4	93	285	WM-182	1113	83	WM-185	199	81	WM-187	643	82				31.0	1680
H-3	19	4	93	286	WM-182	701	83	WM-185	134	81	WM-187	434	82				23.0	1200
H-3	19	4	93	287	WM-182	1078	83	WM-185	200	81	WM-187	646	82				29.4	1680
H-3	20	4	93	288	WM-182	1065	83	WM-185	199	81	WM-187	643	82				28.0	1680
H-3	21	4	93	289	WM-182	1067	83	WM-185	200	81	WM-187	648	82				30.4	1680
H-3	22	4	93	290	WM-182	1041	83	WM-185	190	81	WM-187	613	82				28.5	1600
H-3	23	4	93	291	WM-182	1067	83	WM-185	200	81	WM-187	648	82				29.4	1680
H-3	24	4	93	292	WM-182	1063	83	WM-185	196	81	WM-187	634	82				28.9	1600

Table A6. Calciner Feed to Calcined Solids Storage Facility VI. (continued)

NWCF	Date			Batch	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-3	25	4	93	293	WM-182	1065	83	WM-185	198	81	WM-187	637	82				28.4	1680
H-3	25	4	93	294	WM-182	911	83	WM-185	164	81	WM-187	528	82				27.9	1600
H-3	26	4	93	295	WM-182	1102	83	WM-185	201	81	WM-187	649	82				29.0	1680
H-3	27	4	93	296	WM-182	1045	83	WM-185	193	81	WM-187	622	82				28.6	1680
H-3	29	4	93	297	WM-182	1075	83	WM-185	202	81	WM-187	654	82				30.5	1680
H-3	29	4	93	298	WM-182	1247	83							1278	2.00		9.3	1280
H-3	30	4	93	299	WM-182	1930	83							634	2.00		8.3	240
H-3	1	5	93	DB	Dolomite Bed (approx. 11 cubic feet)													
H-3	1	5	93	DB	Dolomite Bed (approx. 11 cubic feet)									744	92			
H-3	2	5	93	300	WM-182	1791	83							586	2.00		8.7	240
H-3	3	5	93	301	WM-182	1834	83							634	2.00		8.8	240
H-3	4	5	93	302	WM-182	1777	83							833	2.00		9.8	240
H-3	5	5	93	303	WM-182	1676	83							750	2.00		9.5	160
H-3	6	5	93	304	WM-182	1768	83							819	2.00		9.5	240
H-3	8	5	93	305	WM-182	1638	83							776	2.00		9.6	240
H-3	9	5	93	306	WM-182	1725	83							812	2.00		8.4	240
H-3	11	5	93	307	WM-182	1624	83							768	2.00		8.9	240
H-3	13	5	93	308	WM-182	678	83	WM-185	135	81	WM-187	436	82				21.0	1120
H-3	14	5	93	309	WM-182	972	83	WM-185	189	81	WM-187	610	82				29.7	1600
H-3	17	5	93	310	WM-182	1016	83	WM-185	187	81	WM-187	606	82				29.3	1600
H-3	18	5	93	311	WM-182	929	83	WM-185	171	81	WM-187	553	82				28.4	1440
H-3	18	5	93	312	WM-182	1032	83	WM-185	192	81	WM-187	621	82				30.8	1600
H-3	19	5	93	313	WM-182	1010	83	WM-185	189	81	WM-187	612	82				30.3	1600
H-3	20	5	93	314	WM-182	1046	83	WM-185	195	81	WM-187	630	82				29.8	1680
H-3	21	5	93	315	WM-182	1045	83	WM-185	198	81	WM-187	637	82				30.1	1680
H-3	22	5	93	316	WM-182	1017	83	WM-185	190	81	WM-187	614	82				29.8	1600
H-3	23	5	93	317	WM-182	1522	83							736	2.00		8.0	160
H-3	24	5	93	DB	Dolomite Bed (approx. 13 cubic feet)									941	92			
H-3	25	5	93	318	WM-182	1443	83							680	2.00		8.3	160
H-3	25	5	93	DB	Dolomite Bed (approx. 19 cubic feet)									1359	92			
H-3	26	5	93	319	WM-182	1351	83							645	2.00		8.3	160
H-3	27	5	93	320	WM-182	1055	83	WM-185	196	81	WM-187	631	82				31.3	1680
H-3	29	5	93	321	WM-182	1081	83	WM-185	200	81	WM-187	646	82				33.5	1680
H-3	31	5	93	322	WM-182	1044	83	WM-185	197	81	WM-187	637	82				31.4	1680
H-3	2	6	93	323	WM-182	732	83	WM-185	147	81	WM-187	477	82				24.2	1280
H-3	6	6	93	324	WM-182	1060	83	WM-185	199	81	WM-187	641	82				30.1	1680
H-3	8	6	93	325	WM-182	1060	83	WM-185	199	81	WM-187	643	82				27.8	1680
H-3	9	6	93	DB	Dolomite Bed (approx. 11 cubic feet)									729	92			
H-3	10	6	93	326	WM-182	1090	83	WM-185	200	81	WM-187	648	82				30.2	1680
H-3	11	6	93	327	WM-182	708	83	WM-185	131	81	WM-187	424	82				24.3	1120
H-3	12	6	93	328	WM-182	1077	83	WM-185	200	81	WM-187	646	82				31.3	1680
H-3	13	6	93	329	WM-182	1068	83	WM-185	173	81	WM-187	558	82				26.5	1520
H-3	14	6	93	330				WM-185	349	81	WM-187	1727	82				4.0	4080
H-3	15	6	93	331				WM-185	270	81	WM-187	1293	82				31.0	3280
H-3	17	6	93	332				WM-185	236	81	WM-187	1145	82				25.9	3293
H-3	18	6	93	333				WM-185	238	81	WM-187	1161	82				28.1	3405
H-3	20	6	93	334				WM-185	266	81	WM-187	1299	82				29.9	3741
H-3	20	6	93	DB	Dolomite Bed (approx. 11 cubic feet)									729	92			
H-3	21	6	93	DB	Dolomite Bed (approx. 11 cubic feet)									729	92			
H-3	22	6	93	335				WM-185	229	81	WM-187	1238	82				28.5	3589
H-3	23	6	93	336	WM-188	1418	80	WM-185	236	81								4668
H-3	24	6	93	337	WM-188	1437	80	WM-185	222	81								4700
H-3	25	6	93	338	WM-188	1487	80	WM-185	248	81								4357
H-3	26	6	93	339	WM-188	1419	80	WM-185	231	81								3975
H-3	27	6	93	340	WM-188	1886	80	WM-185	339	81								5104
H-3	28	6	93	341	WM-188	1740	80	WM-185	292	81								4711
H-3	29	6	93	342	WM-188	1738	80	WM-185	309	81								4785
H-3	30	6	93	343				WM-185	128	81	WM-187	662	82					1604
H-3	30	6	93	344	WM-188	1741	80	WM-185	291	81								4798
H-3	2	7	93	345				WM-185	167	81				2147	1.89		90.4	401
H-3	3	7	93	DB	Dolomite Bed (approx. 9 cubic feet)									613	92			
H-3	3	7	93	346				WM-185	190	81				867	1.89		44.0	41
H-3	3	7	93	DB	Dolomite Bed (approx. 10 cubic feet)									690	92			
H-3	4	7	93	347	WM-182	1677	83							785	1.89		16.5	246
H-3	4	7	93	DB	Dolomite Bed (approx. 9 cubic feet)									613	92			
H-3	5	7	93	DB	Dolomite Bed (approx. 9 cubic feet)									613	92			
H-3	5	7	93	348	WM-182	1690	83							804	1.89		16.8	237
H-3	5	7	93	DB	Dolomite Bed (approx. 11 cubic feet)									767	92			

Table A6. Calciner Feed to Calcined Solids Storage Facility VI. (continued)

NWCF				Feed Stream											Cold Chemicals					
Camp.	d	mo	yr	Batch No.	1			2			3				Al(NO <sub>3</sub> ) <sub>3</sub>	NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>		
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb		
H-3	6	7	93	DB	Dolomite Bed (approx. 3 cubic feet)										230	92				
H-3	6	7	93	349	WM-182	1594	83								730	1.89	16.4	246		
H-3	6	7	93	DB	Dolomite Bed (approx. 10 cubic feet)										690	92				
H-3	7	7	93	DB	Dolomite Bed (approx. 16 cubic feet)										1150	92				
H-3	7	7	93	DB	Dolomite Bed (approx. 5 cubic feet)										383	92				
H-3	7	7	93	350	WM-182	1700	83								825	1.89	17.0	254		
H-3	8	7	93	351	WM-182	1224	83								1250	1.89	17.0	123		
H-3	8	7	93	DB	Dolomite Bed (approx. 10 cubic feet)										708	92				
H-3	9	7	93	352	WM-182	1216	83								1279	1.89	17.0	123		
H-3	10	7	93	353	WM-182	1204	83								1269	2.14	17.3	123		
H-3	11	7	93	354	WM-182	1145	83								1146	2.14	17.0	123		
H-3	12	7	93	355	WM-182	1189	83								1245	2.14	16.5	180		
H-3	13	7	93	356	WM-182	1269	83								1330	2.14	17.3	123		
H-3	14	7	93	357	WM-188	1708	80	WM-185	272	81								4667		
H-3	16	7	93	358	WM-188	1711	80	WM-185	287	81								4715		
H-3	17	7	93	359	WM-188	1690	80	WM-185	279	81								4687		
H-3	18	7	93	360	WM-188	1489	80	WM-185	282	81								3950		
H-3	19	7	93	361	WM-188	1705	80	WM-185	277	81								4734		
H-3	21	7	93	362	WM-188	1719	80	WM-185	281	81								4741		
H-3	22	7	93	363	WM-188	1680	80	WM-185	272	81								4687		
H-3	23	7	93	364	WM-188	1754	80	WM-185	289	81								4943		
H-3	25	7	93	365	WM-188	1710	80	WM-185	280	81								4765		
H-3	26	7	93	366	WM-188	1695	80	WM-185	280	81								4796		
H-3	28	7	93	367	WM-188	1687	80	WM-185	255	81								4796		
H-3	30	7	93	368	WM-188	1435	80	WM-185	242	81								4229		
H-3	31	7	93	369	WM-188	1723	80	WM-185	286	81								4920		
H-3	1	8	93	370	WM-102	1013	84								965	2.19	18.5	400		
H-3	2	8	93	371	WM-102	1029	84								990	2.19	18.8	480		
H-3	3	8	93	DB	Dolomite Bed (approx. 10 cubic feet)										690	92				
H-3	3	8	93	DB	Dolomite Bed (approx. 10 cubic feet)										690	92				
H-3	3	8	93	372	WM-102	1054	84								1009	1.87	18.4	527		
H-3	4	8	93	DB	Dolomite Bed (approx. 6 cubic feet)										411	92				
H-3	4	8	93	DB	Dolomite Bed (approx. 13 cubic feet)										885	92				
H-3	4	8	93	373	WM-102	777	84								1514	1.87	17.4	449		
H-3	5	8	93	374	WM-102	935	84								1837	1.87	19.7	426		
H-3	5	8	93	DB	Dolomite Bed (approx. 12 cubic feet)										863	92				
H-3	6	8	93	DB	Dolomite Bed (approx. 10 cubic feet)										671	92				
H-3	7	8	93	375	WM-102	869	84								1179	2.20	16.7	387		
H-3	7	8	93	376	WM-102	568	84								1149	1.87	16.3	495		
H-3	8	8	93	377	WM-102	816	84								1098	2.20	17.7	480		
H-3	9	8	93	378	WM-102	795	84								1116	2.20	18.0	380		
H-3	10	8	93	379	WM-102	765	84								1498	1.97	18.7	504		
H-3	11	8	93	380	WM-102	732	84								1449	1.97	18.2	496		
H-3	12	8	93	381	WM-102	776	84								1513	1.97	19.6	496		
H-3	14	8	93	382	WM-102	802	84								1108	2.20	18.0	434		
H-3	14	8	93	383	WM-102	909	84								1078	2.20	18.3	457		
H-3	16	8	93	384	WM-102	870	84								1074	2.10	17.9	542		
H-3	17	8	93	385	WM-102	916	84								1057	2.10	18.2	356		
H-3	18	8	93	386	WM-102	814	84								965	2.10	15.4	403		
H-3	19	8	93	387	WM-188	1698	80	WM-185	387	81								4687		
H-3	20	8	93	388	WM-188	1465	80	WM-185	359	81								4183		
H-3	21	8	93	389	WM-188	1417	80	WM-185	287	81								403		
H-3	22	8	93	390	WM-188	1417	80	WM-185	247	81								3997		
H-3	23	8	93	391	WM-188	1426	80	WM-185	258	81								4098		
H-3	24	8	93	392	WM-188	1411	80	WM-185	249	81								4044		
H-3	25	8	93	393	WM-188	1433	80	WM-185	271	81								4083		
H-3	28	8	93	DB	Dolomite Bed (approx. 14 cubic feet)										973	92				
H-3	28	8	93	394	WM-188	1420	80	WM-185	238	81								4240		
H-3	30	8	93	395	WM-188	1379	80	WM-185	267	81								3912		
H-3	31	8	93	396	WM-188	1416	80	WM-185	255	81								4315		
H-3	1	9	93	397	WM-188	1414	80	WM-185	256	81								4083		
H-3	2	9	93	398	WM-188	1421	80	WM-185	302	81								4331		
H-3	3	9	93	399	WM-188	1411	80	WM-185	258	81								3950		
H-3	4	9	93	400	WM-188	1409	80	WM-185	292	81								4276		
H-3	5	9	93	401	WM-188	1405	80	WM-185	257	81								4129		
H-3	6	9	93	402	WM-188	1405	80	WM-185	290	81								4168		
H-3	8	9	93	403	WM-188	1403	80	WM-185	284	81								4028		
H-3	9	9	93	404	WM-188	1420	80	WM-185	275	81								4207		

Table A6. Calciner Feed to Calcined Solids Storage Facility VI. (continued)

NWCF	Date			Batch	Feed Stream										Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-3	10	9	93	405	WM-188	1397	80	WM-185	283	81								3602	
H-3	11	9	93	406	WM-188	1408	80	WM-185	291	81								4098	
H-3	13	9	93	407	WM-188	933	80	WM-185	190	81								2696	
H-3	14	9	93	408	WM-188	1796	80	WM-185	275	81								5098	
H-3	15	9	93	409	WM-100	1720	85							833	2.20		21.0	256	
H-3	16	9	93	DB	Dolomite Bed (approx. 9 cubic feet)							609	92						
H-3	16	9	93	410	WM-100	1397	85							794	2.20		19.0	411	
H-3	17	9	93	411	WM-100	703	85							1927	2.20		22.0	604	
H-3	17	9	93	DB	Dolomite Bed (approx. 8 cubic feet)							541	92						
H-3	18	9	93	DB	Dolomite Bed (approx. 15 cubic feet)							1046	92						
H-3	18	9	93	412	WM-100	722	85							1919	2.20		21.4	372	
H-3	19	9	93	DB	Dolomite Bed (approx. 10 cubic feet)							690	92						
H-3	19	9	93	413	WM-188	857	80	WM-185	306	81								4059	
H-3	20	9	93	414	WM-188	909	80	WM-185	192	81								2828	
H-3	22	9	93	415	WM-100	708	85							1988	2.13		21.4	7	
H-3	24	9	93	416	WM-100	634	85							1715	2.13		21.2	240	
H-3	24	9	93	DB	Dolomite Bed (approx. 15 cubic feet)							1035	92						
H-3	25	9	93	417	WM-100	628	85							1752	2.17		21.4	532	
H-3	26	9	93	418	WM-100	504	85							1390	2.17		21.0	486	
H-3	28	9	93	419	WM-100	491	85							1380	2.17		20.6	625	
H-3	29	9	93	420	WM-100	584	85							1511	2.17		21.0	447	
H-3	30	9	93	421	WM-100	1262	85	WM-185	991	81				1043	2.17		20.8	247	
H-3	1	10	93	422	WM-100	830	85	WM-185	1078	81				1135	2.17		20.0	416	
H-3	2	10	93	423	WM-100	822	85	WM-185	1117	81				1176	2.20		20.1	501	
H-3	4	10	93	424	WM-100	840	85	WM-185	1118	81				1177	2.20		20.3	794	
H-3	7	10	93	425	WM-100	1092	85	WM-185	884	81				930	2.20		20.5	532	
H-3	9	10	93	426	WM-100	1055	85	WM-185	847	81				892	2.20		20.1	339	
H-3	11	10	93	427	WM-100	680	85	WM-185	895	81				942	2.20		19.0	470	
H-3	12	10	93	428				WM-185	297	81				1303	2.20		88.0	347	
H-3	14	10	93	429				WM-185	433	81				1846	2.20		63.4	293	
H-3	16	10	93	430				WM-185	338	81				1448	2.15		56.7	393	
H-3	18	10	93	431				WM-185	356	81				1527	2.15		57.0	601	
H-3	20	10	93	432				WM-185	352	81				1533	2.15		91.0	231	
H-3	22	10	93	433				WM-185	430	81				1853	2.15		61.0	463	
H-3	24	10	93	434				WM-185	379	81				1661	2.15		66.4	455	
H-3	26	10	93	435				WM-185	281	81				1230	2.13		85.0	594	
H-3	28	10	93	436				WM-185	283	81				1249	2.13		85.0	771	
H-3	30	10	93	36C	Cold									903	2.13		4.0		
H-3	31	10	93	37C	Cold									915	2.13		4.3		
H-3	1	11	93	38C	Cold									821	2.13		3.8		
H-3	1	11	93	39C	Cold									906	2.13		4.2		
H-4	3	6	97	PPC	Pilot Plant Calcine (approx. 53 cubic feet)							3100	94						
H-4	4	6	97	DB	Dolomite Bed (approx. 68 cubic feet)							4791	92						
H-4	5	6	97	1-C	Cold									1787	1.52		25.4		
H-4	5	6	97	DB	Dolomite Bed (approx. 24 cubic feet)							1681	92						
H-4	6	6	97	DB	Dolomite Bed (approx. 14 cubic feet)							973	92						
H-4	6	6	97	DB	Dolomite Bed (approx. 11 cubic feet)							796	92						
H-4	6	6	97	2-C	Cold									1805	1.21		24.6		
H-4	7	6	97	DB	Dolomite Bed (approx. 15 cubic feet)							1046	92						
H-4	7	6	97	DB	Dolomite Bed (approx. 13 cubic feet)							941	92						
H-4	7	6	97	3-C	Cold									2233	1.59		16.3		
H-4	8	6	97	4-C	Cold									1822	1.49		25.6		
H-4	9	6	97	5-C	Cold									1828	1.50		17.2		
H-4	10	6	97	6-C	Cold									1602	1.46		28.1		
H-4	11	6	97	7-C	Cold									1806	1.63		17.5		
H-4	11	6	97	8-C	Cold									1704	1.43		19.5		
H-4	12	6	97	9-C	Cold									1905	1.46		18.8		
H-4	15	6	97	10-C	Cold									428.25	1.51		4.2		
H-4	15	6	97	11-C	Cold									2190	1.31		15.3		
H-4	17	6	97	1	WM-188	820	86							1466	2.17		17.2	295	
H-4	18	6	97	2	WM-188	771	86							1332	2.17		12.1	295	
H-4	19	6	97	3	WM-188	834	86							1328	2.17		20.7	306	
H-4	20	6	97	4	WM-188	979	86							1582	2.17		15.8	362	
H-4	20	6	97	5	WM-188	849	86							1366	2.17		14.2	351	
H-4	21	6	97	6	WM-188	892	86							1427	2.13		13.0	317	
H-4	22	6	97	7	WM-188	727	86							1149	2.13		16.5	358	
H-4	22	6	97	8	WM-188	828	86							1334	2.13		15.3	395	
H-4	23	6	97	9	WM-188	862	86							1393	2.13		10.9	310	

Table A6. Calciner Feed to Calcined Solids Storage Facility VI. (continued)

NWCF				Date		Batch		Feed Stream									Cold Chemicals				
								1		2			3				Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb			
H-4	24	6	97	10	WM-188	836	86							1335	2.17		16.7	302			
H-4	25	6	97	11	WM-188	815	86							1198	2.16		14.2	310			
H-4	25	6	97	12	WM-188	815	86							1256	2.16		15.6	291			
H-4	26	6	97	13	WM-188	651	86							990	2.18		30.0	283			
H-4	26	6	97	14	WM-188	899	86							1357	2.18		18.2	276			
H-4	27	6	97	15	WM-188	877	86							1344	2.18		15.8	302			
H-4	28	6	97	16	WM-188	884	86							1333	2.18		11.1	313			
H-4	28	6	97	17	WM-188	876	86							1324	2.18		12.8	324			
H-4	29	6	97	18	WM-188	896	86							1363	2.18		13.7	254			
H-4	30	6	97	19	WM-188	855	86							1305	2.19		14.0	332			
H-4	1	7	97	20	WM-188	831	86							1265	2.19		14.6	298			
H-4	2	7	97	21	WM-188	971	86							1392	2.19		20.5	298			
H-4	2	7	97	22	WM-188	926	86							1288	2.20		15.3	287			
H-4	3	7	97	23	WM-188	982	86							1380	1.98		17.7	246			
H-4	4	7	97	24	WM-188	917	86							1277	1.98		19.6	295			
H-4	5	7	97	25	WM-188	851	86							1096	2.20		19.1	347			
H-4	5	7	97	26	WM-188	898	86							1155	2.20		19.3	291			
H-4	6	7	97	27	WM-188	932	86							1227	2.20		12.6	291			
H-4	6	7	97	28	WM-188	848	86							1112	2.20		16.1	298			
H-4	7	7	97	29	WM-188	934	86							1218	2.20		21.6	295			
H-4	7	7	97	30	WM-188	1122	86							1498	2.20		25.4	377			
H-4	8	7	97	31	WM-188	965	86							1258	2.20		17.4	324			
H-4	9	7	97	32	WM-188	904	86							1171	2.16		15.8	332			
H-4	10	7	97	33	WM-188	985	86							1257	2.16		21.8	354			
H-4	10	7	97	34	WM-188	996	86							1320	2.16		19.3	302			
H-4	11	7	97	35	WM-188	977	86							1276	2.18		19.3	354			
H-4	13	7	97	36	WM-188	940	86							1222	2.18		18.9	328			
H-4	13	7	97	37	WM-188	845	86							1110	2.18		17.5	283			
H-4	14	7	97	38	WM-188	942	86							1228	2.18		20.2	373			
H-4	15	7	97	39	WM-188	948	86							1250	2.18		20.2	336			
H-4	15	7	97	40	WM-188	962	86							1245	2.18		20.7	362			
H-4	16	7	97	41	WM-188	976	86							1273	2.18		22.3	310			
H-4	17	7	97	42	WM-188	967	86							1186	2.18		22.1	343			
H-4	17	7	97	43	WM-188	1045	86							1365	2.15		23.7	388			
H-4	18	7	97	44	WM-188	1004	86							1314	2.15		21.4	392			
H-4	19	7	97	45	WM-188	1004	86							1308	2.15		24.4	399			
H-4	20	7	97	46	WM-188	948	86							1215	2.16		19.6	351			
H-4	20	7	97	47	WM-188	1000	86							1242	2.16		20.7	362			
H-4	21	7	97	48	WM-188	1019	86							1321	2.07		20.5	324			
H-4	22	7	97	49	WM-188	952	86							1245	2.20		17.0	343			
H-4	22	7	97	50	WM-188	786	86							1145	2.17		18.4	276			
H-4	23	7	97	51	WM-188	979	86							1240	2.19		18.4	298			
H-4	24	7	97	52	WM-188	958	86							1251	2.19		17.9	306			
H-4	24	7	97	53	WM-188	960	86							1256	2.17		20.9	373			
H-4	25	7	97	54	WM-188	969	86							1255	2.17		24.0	306			
H-4	26	7	97	55	WM-188	913	86							1190	2.17		17.9	343			
H-4	26	7	97	56	WM-188	914	86							1187	2.12		18.4	313			
H-4	27	7	97	57	WM-188	1001	86							1310	2.12		18.6	324			
H-4	28	7	97	58	WM-188	1007	86							1302	2.12		21.2	343			
H-4	28	7	97	59	WM-188	1006	86							1302	2.12		18.8	321			
H-4	29	7	97	60	WM-188	1000	86							1299	2.11		17.5	362			
H-4	30	7	97	61	WM-188	940	86							1219	2.11		18.2	362			
H-4	30	7	97	62	WM-188	1026	86							1344	2.17		21.2	414			
H-4	31	7	97	63	WM-188	1016	86							1330	2.17		23.5	380			
H-4	1	8	97	64	WM-188	996	86							1300	2.17		16.8	384			
H-4	1	8	97	65	WM-188	1058	86							1357	2.19		19.8	399			
H-4	2	8	97	66	WM-188	1024	86							1337	2.19		21.2	421			
H-4	3	8	97	67	WM-188	992	86							1301	2.19		28.1	392			
H-4	3	8	97	68	WM-188	1003	86							1311	2.19		17.0	421			
H-4	4	8	97	69	WM-188	1048	86							1355	2.17		17.5	369			
H-4	5	8	97	70	WM-188	960	86							1269	2.17		19.5	366			
H-4	6	8	97	71	WM-188	965	86							1269	2.19		19.3	373			
H-4	7	8	97	72	WM-188	960	86							1251	2.20		17.7	366			
H-4	8	8	97	73	WM-188	866	86							1140	2.20		14.7	306			
H-4	9	8	97	74	WM-188	850	86							1102	2.20		19.6	336			
H-4	9	8	97	75	WM-188	837	86							1070	2.20		16.7	354			
H-4	10	8	97	76	WM-188	913	86							1191	2.20		15.8	380			
H-4	11	8	97	77	WM-188	1088	86							1423	2.20		22.1	440			

Table A6. Calciner Feed to Calcined Solids Storage Facility VI. (continued)

NWCF	Date			Batch	Feed Stream									Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb
H-4	11	8	97	78	WM-188	991	86							1298	2.19		19.5	399
H-4	12	8	97	79	WM-188	1051	86							1376	2.19		20.9	414
H-4	13	8	97	80	WM-188	974	86							1244	2.19		17.7	373
H-4	13	8	97	81	WM-188	987	86							1284	2.20		20.9	354
H-4	14	8	97	82	WM-188	1070	86							1410	2.20		18.4	384
H-4	15	8	97	83	WM-188	1003	86							1291	2.19		18.9	384
H-4	16	8	97	84	WM-188	897	86							1153	2.10		17.2	321
H-4	16	8	97	85	WM-188	980	86							1283	2.10		17.9	351
H-4	17	8	97	86	WM-188	959	86							1256	2.10		16.3	343
H-4	18	8	97	87	WM-188	1061	86							1390	2.10		18.9	395
H-4	18	8	97	88	WM-188	1044	86							1376	2.10		19.8	362
H-4	19	8	97	89	WM-188	1006	86							1320	2.20		18.6	343
H-4	20	8	97	90	WM-188	1052	86							1368	2.20		17.9	407
H-4	20	8	97	91	WM-188	1003	86							1307	2.20		20.4	399
H-4	21	8	97	92	WM-188	969	86							1295	2.20		17.0	392
H-4	22	8	97	93	WM-188	950	86							1285	2.20		22.8	380
H-4	23	8	97	94	WM-188	986	86							1286	2.20		18.6	380
H-4	23	8	97	95	WM-188	939	86							1223	2.20		16.3	395
H-4	24	8	97	96	WM-188	929	86							1238	2.20		21.1	343
H-4	24	8	97	97	WM-188	975	86							1235	2.30		17.9	395
H-4	25	8	97	98	WM-188	936	86							1216	2.30		18.1	362
H-4	26	8	97	99	WM-188	958	86							1249	2.20		16.7	310
H-4	26	8	97	100	WM-188	1025	86							1357	2.30		21.2	399
H-4	27	8	97	101	WM-188	1025	86							1355	2.16		20.0	425
H-4	28	8	97	102	WM-188	1013	86							1330	2.16		24.7	414
H-4	28	8	97	103	WM-188	954	86							1267	2.16		17.4	369
H-4	29	8	97	104	WM-188	1002	86							1312	2.16		18.2	459
H-4	30	8	97	105	WM-188	994	86							1284	2.18		20.5	429
H-4	30	8	97	106	WM-188	956	86							1261	2.18		17.7	362
H-4	31	8	97	107	WM-188	957	86							1258	2.18		16.5	373
H-4	1	9	97	108	WM-188	965	86							1252	2.21		18.8	407
H-4	1	9	97	109	WM-188	979	86							1279	2.18		20.0	392
H-4	2	9	97	110	WM-188	1124	86							1455	2.21		25.1	511
H-4	3	9	97	111	WM-188	970	86							1248	2.19		21.6	399
H-4	3	9	97	112	WM-188	920	86							1190	2.19		18.1	392
H-4	4	9	97	113	WM-188	970	86							1232	2.19		18.6	392
H-4	5	9	97	114	WM-188	1010	86							1338	2.21		14.0	448
H-4	5	9	97	115	WM-188	999	86							1314	2.19		19.8	392
H-4	6	9	97	116	WM-188	1027	86							1353	2.19		25.3	377
H-4	7	9	97	117	WM-188	999	86							1314	2.19		21.1	351
H-4	7	9	97	118	WM-188	1001	86							1294	2.19		19.1	377
H-4	8	9	97	119	WM-188	1131	86							1488	2.19		22.1	451
H-4	8	9	97	120	WM-188	1018	86							1338	2.21		19.1	403
H-4	9	9	97	121	WM-188	958	86							1234	2.21		17.7	384
H-4	10	9	97	122	WM-188	1002	86							1305	2.21		19.5	384
H-4	11	9	97	123	WM-188	878	86							1144	2.21		17.2	384
H-4	11	9	97	124	WM-188	959	86							1270	2.19		16.8	358
H-4	12	9	97	125	WM-188	931	86							1211	2.19		18.1	358
H-4	12	9	97	126	WM-188	1066	86							1384	2.28		22.3	425
H-4	13	9	97	127	WM-188	944	86							1234	2.26		19.5	339
H-4	14	9	97	128	WM-188	958	86							1265	2.15		18.9	407
H-4	14	9	97	129	WM-188	978	86							1264	2.28		17.7	380
H-4	15	9	97	130	WM-188	965	86							1258	2.15		22.3	530
H-4	16	9	97	131	WM-188	1067	86							1387	2.15		24.9	418
H-4	16	9	97	132	WM-188	1136	86							1477	2.26		24.2	466
H-4	17	9	97	133	WM-188	1141	86							1464	2.26		20.5	403
H-4	18	9	97	134	WM-188	943	86							1219	2.30		19.8	410
H-4	18	9	97	135	WM-188	1025	86							1339	2.28		18.6	380
H-4	19	9	97	136	WM-188	1025	86							1320	2.28		19.5	399
H-4	19	9	97	137	WM-188	1003	86							1325	2.28		19.6	395
H-4	20	9	97	138	WM-188	964	86							1249	2.28		17.9	362
H-4	21	9	97	139	WM-188	999	86							1300	2.24		19.5	395
H-4	21	9	97	140	WM-188	995	86							1271	2.24		17.5	407
H-4	22	9	97	141	WM-188	982	86							1286	2.24		19.8	373
H-4	23	9	97	142	WM-188	976	86							1296	2.24		18.4	429
H-4	23	9	97	143	WM-188	921	86							1185	2.24		17.0	395
H-4	24	9	97	144	WM-188	942	86							1217	2.24		19.6	358
H-4	25	9	97	145	WM-188	1008	86							1299	2.30		18.9	429

Table A6. Calciner Feed to Calcined Solids Storage Facility VI. (continued)

NWCF Camp.	Date			Batch No.	Feed Stream												Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>			
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb			
H-4	26	9	97	146	WM-188	1025	86							1314	2.30		20.9	440			
H-4	26	9	97	147	WM-188	1007	86							1297	2.30		20.0	436			
H-4	20	10	97	DB	Dolomite Bed (approx. 42 cubic feet)								2972	92							
H-4	21	10	97	148	WM-188	1099	86							1415	2.30		21.1	433			
H-4	22	10	97	149	WM-188	1019	86							1351	2.30		22.3	421			
H-4	23	10	97	150	WM-188	990	86							1313	2.30		19.3	429			
H-4	24	10	97	151	WM-188	1043	86							1363	2.30		23.0	425			
H-4	24	10	97	152	WM-188	1004	86							1305	2.30		20.0	466			
H-4	25	10	97	153	WM-188	982	86							1299	2.30		20.5	414			
H-4	26	10	97	154	WM-188	997	86							1286	2.30		16.7	414			
H-4	26	10	97	155	WM-188	887	86							1155	2.30		17.0	384			
H-4	27	10	97	156	WM-188	921	86							1202	2.30		18.4	366			
H-4	28	10	97	157	WM-188	941	86							1206	2.30		18.2	324			
H-4	28	10	97	158	WM-188	978	86							1265	2.20		18.4	395			
H-4	29	10	97	159	WM-188	983	86							1258	2.30		16.8	399			
H-4	30	10	97	160	WM-188	980	86							1287	2.30		21.4	410			
H-4	30	10	97	161	WM-188	936	86							1280	2.30		29.6	362			
H-4	31	10	97	162	WM-188	1010	86							1300	2.30		17.5	380			
H-4	1	11	97	163	WM-188	1021	86							1336	2.22		20.0	347			
H-4	1	11	97	164	WM-188	960	86							1260	2.22		17.4	373			
H-4	2	11	97	165	WM-188	1012	86							1307	2.27		19.5	418			
H-4	2	11	97	166	WM-188	988	86							1288	2.22		17.7	358			
H-4	3	11	97	167	WM-188	971	86							1270	2.22		21.2	380			
H-4	4	11	97	168	WM-188	988	86							1263	2.22		23.3	440			
H-4	4	11	97	169	WM-188	963	86							1268	2.22		18.9	366			
H-4	5	11	97	170	WM-188	944	86							1231	2.22		19.3	421			
H-4	6	11	97	171	WM-188	979	86							1258	2.27		18.1	455			
H-4	6	11	97	172	WM-188	1026	86							1288	2.30		17.9	421			
H-4	7	11	97	173	WM-188	992	86							1293	2.30		18.6	377			
H-4	8	11	97	174	WM-188	1054	86							1314	2.22		15.4	362			
H-4	8	11	97	175	WM-188	963	86							1192	2.28		18.8	351			
H-4	9	11	97	176	WM-188	980	86							1255	2.28		18.1	436			
H-4	10	11	97	177	WM-188	984	86							1260	2.30		18.2	362			
H-4	10	11	97	178	WM-188	1001	86							1220	2.30		20.0	392			
H-4	11	11	97	179	WM-188	1002	86							1252	2.30		17.7	358			
H-4	11	11	97	180	WM-188	1001	86							1256	2.29		20.4	436			
H-4	12	11	97	181	WM-188	979	86							1216	2.29		18.6	387			
H-4	13	11	97	182	WM-188	933	86							1171	2.29		16.1	380			
H-4	13	11	97	183	WM-188	1085	86							1343	2.13		20.4	436			
H-4	14	11	97	184	WM-188	997	86							1254	2.23		19.5	362			
H-4	15	11	97	185	WM-188	1001	86							1249	2.26		19.8	402			
H-4	15	11	97	186	WM-188	997	86							1254	2.26		19.0	380			
H-4	16	11	97	187	WM-188	1006	86							1250	2.13		20.7	372			
H-4	16	11	97	188	WM-188	996	86							1242	2.26		19.0	388			
H-4	17	11	97	189	WM-188	962	86							1204	2.26		18.8	415			
H-4	18	11	97	190	WM-188	941	86							1174	2.26		17.2	353			
H-4	18	11	97	191	WM-188	1018	86							1229	2.13		13.9	426			
H-4	19	11	97	192	WM-188	1027	86							1229	2.13		17.9	373			
H-4	20	11	97	193	WM-188	1036	86							1233	2.29		18.1	392			
H-4	20	11	97	194	WM-188	1000	86							1212	2.29		12.5	403			
H-4	21	11	97	195	WM-188	1195	86							1431	2.29		21.9	488			
H-4	22	11	97	196	WM-188	1012	86							1211	2.25		19.3	449			
H-4	23	11	97	197	WM-188	993	86							1194	2.25		17.9	461			
H-4	23	11	97	198	WM-188	1052	86							1262	2.26		19.5	392			
H-4	24	11	97	199	WM-188	1066	86							1307	2.25		21.2	357			
H-4	25	11	97	200	WM-188	912	86							1130	2.25		19.2	380			
H-4	25	11	97	201	WM-188	1117	86							1354	2.25		21.5	426			
H-4	26	11	97	202	WM-188	952	86							1125	2.25		16.1	426			
H-4	27	11	97	203	WM-188	1052	86							1264	2.27		18.8	411			
H-4	27	11	97	204	WM-188	1024	86							1209	2.25		22.1	496			
H-4	28	11	97	205	WM-188	954	86							1149	2.27		16.6	353			
H-4	29	11	97	206	WM-188	1010	86							1226	2.25		20.6	319			
H-4	29	11	97	207	WM-188	1065	86							1275	2.25		16.1	415			
H-4	30	11	97	208	WM-188	1007	86							1199	2.25		18.6	396			
H-4	1	12	97	209	WM-188	1081	86							1316	2.25		18.8	484			
H-4	1	12	97	210	WM-188	1098	86							1334	2.25		19.7	423			
H-4	2	12	97	211	WM-188	1028	86							1218	2.25		20.3	380			
H-4	3	12	97	212	WM-188	1010	86							1211	2.27		20.4	419			

Table A6. Calciner Feed to Calcined Solids Storage Facility VI. (continued)

NWCF	Date			Batch	Feed Stream									Cold Chemicals					
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>	
					tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-4	3	12	97	213	WM-188	1061	86							1286	2.28		19.7		442
H-4	15	12	97	214	WM-188	1126	86							1462	2.26		16.6		490
H-4	16	12	97	215	WM-188	1145	86							1488	2.26		24.2		447
H-4	16	12	97	216	WM-188	1091	86							1333	2.26		17.9		424
H-4	17	12	97	217	WM-188	1064	86							1295	2.26		20.8		348
H-4	18	12	97	218	WM-188	1103	86							1312	2.26		24.1		466
H-4	19	12	97	219	WM-188	1066	86							1276	2.24		20.8		424
H-4	19	12	97	220	WM-188	1062	86							1298	2.24		16.1		432
H-4	20	12	97	221	WM-188	1077	86							1291	2.26		19.0		409
H-4	21	12	97	222	WM-188	974	86							1177	2.26		21.5		375
H-4	21	12	97	223	WM-188	1119	86							1332	2.26		15.2		390
H-4	22	12	97	224	WM-188	978	86							1188	2.26		17.9		381
H-4	23	12	97	225	WM-188	1078	86							1295	2.24		16.6		384
H-4	23	12	97	226	WM-188	982	86							1220	2.23		21.5		362
H-4	24	12	97	227	WM-188	991	86							1205	2.24		15.9		415
H-4	25	12	97	228	WM-188	1032	86							1229	2.24		10.7		445
H-4	25	12	97	229	WM-188	1023	86							1252	2.26		19.8		419
H-4	26	12	97	230	WM-188	1044	86							1266	2.24		17.3		449
H-4	27	12	97	231	WM-188	1069	86							1294	2.24		17.0		455
H-4	28	12	97	232	WM-188	1047	86							1271	2.24		21.4		409
H-4	28	12	97	233	WM-188	977	86							1184	2.26		18.9		424
H-4	29	12	97	234	WM-188	1072	86							1244	2.26		17.9		444
H-4	29	12	97	235	WM-188	1083	86							1308	2.26		15.0		384
H-4	30	12	97	236	WM-188	1195	86							1428	2.24		25.0		536
H-4	31	12	97	237	WM-188	1073	86							1309	2.26		19.5		455
H-4	31	12	97	238	WM-188	961	86							1158	2.26		16.3		344
H-4	1	1	98	239	WM-188	1001	86							1219	2.23		17.3		405
H-4	1	1	98	240	WM-188	1046	86							1235	2.23		17.3		367
H-4	2	1	98	241	WM-188	1006	86							1221	2.23		21.3		382
H-4	3	1	98	242	WM-188	1035	86							1247	2.22		18.9		382
H-4	4	1	98	243	WM-188	975	86							1201	2.21		17.9		379
H-4	4	1	98	244	WM-188	964	86							1147	2.21		16.4		417
H-4	5	1	98	245	WM-188	1100	86							1338	2.21		15.7		436
H-4	5	1	98	246	WM-188	1008	86							1208	2.21		18.4		375
H-4	7	1	98	247	WM-188	1010	86							1203	2.21		18.2		371
H-4	7	1	98	248	WM-188	1029	86							1234	2.21		16.8		387
H-4	8	1	98	249	WM-188	937	86							1119	2.21		16.1		333
H-4	9	1	98	250	WM-188	995	86							1194	2.21		17.3		402
H-4	10	1	98	251	WM-188	959	86							1174	2.21		10.8		399
H-4	11	1	98	252	WM-188	964	86							1164	2.21		29.7		411
H-4	12	1	98	253	WM-188	956	86							1147	2.21		15.5		375
H-4	13	1	98	254	WM-188	1010	86							1208	2.20		18.0		360
H-4	14	1	98	255	WM-188	1003	86							1214	2.20		16.8		352
H-4	15	1	98	256	WM-188	985	86							1180	2.20		18.0		360
H-4	15	1	98	257	WM-188	882	86							1048	2.20		16.3		364
H-4	16	1	98	258	WM-188	1064	86							1339	2.20		20.1		415
H-4	17	1	98	259	WM-188	1005	86							1209	2.20		16.1		430
H-4	18	1	98	260	WM-188	952	86							1165	2.20		16.4		360
H-4	19	1	98	261	WM-188	954	86							1152	2.20		13.6		442
H-4	20	1	98	262	WM-188	1004	86							1216	2.21		19.4		442
H-4	21	1	98	263	WM-188	1036	86							1272	2.21		18.9		407
H-4	22	1	98	264	WM-188	1029	86							1221	2.24		14.5		357
H-4	23	1	98	265	WM-188	977	86							1177	2.21		19.4		415
H-4	24	1	98	266	WM-188	923	86							1095	2.23		18.2		400
H-4	25	1	98	267	WM-188	1045	86							1280	2.23		18.4		461
H-4	26	1	98	268	WM-188	993	86							1231	2.27		17.3		411
H-4	27	1	98	269	WM-188	1011	86							1239	2.23		17.5		415
H-4	28	1	98	270	WM-188	958	86							1148	2.23		15.7		388
H-4	29	1	98	271	WM-188	1003	86							1204	2.25		15.9		403
H-4	29	1	98	272	WM-188	1087	86							1312	2.25		17.1		457
H-4	30	1	98	273	WM-188	1189	86							1423	2.23		19.3		426
H-4	31	1	98	274	WM-188	1027	86							1243	2.23		19.8		388
H-4	1	2	98	275	WM-188	1197	86							1426	2.21		19.8		445
H-4	2	2	98	276	WM-188	1070	86							1288	2.23		22.1		396
H-4	3	2	98	277	WM-188	1062	86							1316	2.23		16.4		392
H-4	4	2	98	278	WM-188	1031	86							1230	2.21		16.1		369
H-4	5	2	98	279	WM-188	985	86							1183	2.21		19.8		377
H-4	6	2	98	280	WM-188	1015	86							1277	2.21		11.5		400



Table A6. Calciner Feed to Calcined Solids Storage Facility VI. (continued)

NWCF Camp	Date			Batch		Feed Stream									Cold Chemicals				
	d	mo	yr	No	tank	1		2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Cat(NO <sub>3</sub> ) <sub>2</sub>	
						gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb	
H-4	7	2	98	281	WM-188	979	86							1163	2.22		16.6	404	
H-4	8	2	98	282	WM-188	1048	86							1264	2.22		19.3	441	
H-4	9	2	98	283	WM-188	939	86							1131	2.22		17.5	400	
H-4	10	2	98	284	WM-188	1031	86							1224	2.22		19.7	426	
H-4	11	2	98	285	WM-188	1043	86							1257	2.22		20.5	396	
H-4	12	2	98	286	WM-188	792	86							938	2.21		14.5	332	
H-4	13	2	98	287	WM-188	1261	86							1517	2.21		24.3	548	
H-4	14	2	98	288	WM-188	982	86							1158	2.21		19.7	467	
H-4	15	2	98	289	WM-188	958	86							1163	2.21		19.7	424	
H-4	17	2	98	290	WM-188	1009	86							1203	2.21		19.1	440	
H-4	18	2	98	291	WM-188	1029	86							1247	2.21		19.5	459	
H-4	19	2	98	292	WM-188	1026	86							1238	2.24		20.2	440	
H-4	20	2	98	293	WM-188	797	86							981	2.24		13.8	340	
H-4	20	2	98	294	WM-185	703	81							1684	2.24		27.6	286	
H-4	21	2	98	295	WM-185	723	81							1731	2.24		29.9	258	
H-4	22	2	98	296	WM-185	714	81							1720	2.24		31.7	391	
H-4	23	2	98	297	WM-185	786	81							1885	2.24		33.5	297	
H-4	24	2	98	298	WM-185	791	81							1926	2.24		36.7	313	
H-4	26	2	98	299	WM-185	647	81							1542	2.22		24.3	297	
H-4	27	2	98	300	WM-185	633	81							1535	2.21		27.3	293	
H-4	1	3	98	301	WM-185	664	81							1618	2.24		29.2	329	
H-4	2	3	98	302	WM-185	639	81							1540	2.24		23.9	269	
H-4	4	3	98	303	WM-185	649	81							1533	2.24		26.0	275	
H-4	5	3	98	304	WM-185	689	81							1650	2.24		29.5	288	
H-4	6	3	98	305	WM-185	650	81							1567	2.20		26.0	233	
H-4	7	3	98	306	WM-185	693	81							1632	2.20		27.2	223	
H-4	7	3	98	307	WM-185	651	81							1569	2.20		29.5	260	
H-4	8	3	98	308	WM-185	669	81							1616	2.20		25.5	294	
H-4	9	3	98	309	WM-185	711	81							1726	2.20		30.3	177	
H-4	9	3	98	310	WM-185	652	81							1585	2.20		24.9	260	
H-4	10	3	98	311	WM-185	694	81							1493	2.20		27.6	225	
H-4	11	3	98	312	WM-185	690	81							1488	2.20		27.2	228	
H-4	12	3	98	313	WM-185	702	81							1532	2.20		25.7	266	
H-4	12	3	98	314	WM-185	729	81							1602	2.20		28.8	254	
H-4	13	3	98	315	WM-185	712	81							1588	2.20		54.4	287	
H-4	14	3	98	316	WM-185	654	81							1420	2.20		27.3	228	
H-4	14	3	98	317	WM-185	814	81							1740	2.20		32.0	290	
H-4	15	3	98	318	WM-185	708	81							1576	2.20		26.4	280	
H-4	16	3	98	319	WM-185	698	81							1525	2.20		25.1	231	
H-4	17	3	98	320	WM-185	706	81							1579	2.21		30.2	277	
H-4	17	3	98	321	WM-185	705	81							1558	2.17		28.9	286	
H-4	18	3	98	322	WM-185	713	81							1584	2.21		29.3	298	
H-4	19	3	98	323	WM-185	638	81							1368	2.21		24.0	257	
H-4	19	3	98	324	WM-185	654	81							1401	2.17		26.7	231	
H-4	20	3	98	325	WM-185	683	81							1446	2.19		27.3	263	
H-4	21	3	98	326	WM-185	613	81							1323	2.19		23.1	277	
H-4	22	3	98	327	WM-185	711	81							1571	2.17		27.8	248	
H-4	22	3	98	328	WM-185	704	81							1539	2.19		23.8	266	
H-4	23	3	98	329	WM-185	705	81							1546	2.17		26.7	239	
H-4	24	3	98	330	WM-185	691	81							1512	2.19		26.2	307	
H-4	24	3	98	331	WM-185	630	81							1406	2.17		22.0	207	
H-4	25	3	98	332	WM-185	690	81							1504	2.18		25.3	234	
H-4	26	3	98	333	WM-185	679	81							1504	2.18		25.3	245	
H-4	26	3	98	334	WM-185	703	81							1544	2.18		26.4	248	
H-4	27	3	98	335	WM-185	788	81							1703	2.17		28.5	237	
H-4	28	3	98	336	WM-185	672	81							1470	2.17		28.7	271	
H-4	29	3	98	337	WM-185	720	81							1575	2.17		25.3	291	
H-4	30	3	98	338	WM-185	716	81							1560	2.17		25.3	291	
H-4	1	4	98	339	WM-185	739	81							1752	2.16		30.1	274	
H-4	2	4	98	340	WM-185	622	81							1470	2.16		25.5	226	
H-4	3	4	98	341	WM-185	616	81							1470	2.17		24.6	250	
H-4	4	4	98	342	WM-185	612	81							1480	2.17		26.2	208	
H-4	4	4	98	343	WM-185	717	81							1726	2.17		31.8	268	
H-4	5	4	98	344	WM-185	658	81							1574	2.17		28.5	283	
H-4	6	4	98	345	WM-185	640	81							1536	2.17		24.8	223	
H-4	6	4	98	346	WM-185	711	81							1679	2.17		32.0	282	
H-4	7	4	98	347	WM-185	657	81							1600	2.17		25.1	161	
H-4	8	4	98	348	WM-185	651	81							1561	2.16		28.5	268	

Table A6. Calciner Feed to Calcined Solids Storage Facility VI. (continued)

NWCF	Feed Stream												Cold Chemicals								
	Date			Batch				1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>
	Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb		
H-4	9	4	98	349	WM-185	668	81								1614	2.17		29.6	249		
H-4	9	4	98	350	WM-185	679	81								1665	2.17		26.6	231		
H-4	10	4	98	351	WM-185	683	81								1652	2.17		29.9	240		
H-4	11	4	98	352	WM-185	740	81								1682	2.18		27.5	243		
H-4	11	4	98	353	WM-185	199	81								467	2.17		15.3	240		
H-4	12	4	98	12-C	Cold										1104	1.69		14.6			
H-4	12	4	98	13-C	Cold										1115	1.69		15.9			
H-4	10	1	99	DB	Dolomite Bed (approx. 110 cubic feet)								7750	92							
H-4	11	1	99	12-C	Cold										2008	2.18		16.8			
H-4	19	1	99	DB	Dolomite Bed (approx. 20 cubic feet)								1416	92							
H-4	20	1	99	13-C	Cold										2614	2.18		14.6			
H-4	22	1	99	14-C	Cold										1704	2.18		10.9			
H-4	22	1	99	15-C	Cold										1728	2.18		14.3			
H-4	23	1	99	16-C	Cold										1700	2.18		14.6			
H-4	23	1	99	353	WM-189	828	87								1212	2.19		19.6	268		
H-4	24	1	99	354	WM-189	893	87								1354	2.19		25.7	288		
H-4	25	1	99	355	WM-189	851	87								1257	2.19		24.3	285		
H-4	26	1	99	356	WM-189	846	87								1280	2.30		24.4	323		
H-4	27	1	99	357	WM-189	861	87								1292	2.19		24.8	292		
H-4	27	1	99	358	WM-189	934	87								1398	2.19		24.6	333		
H-4	28	1	99	359	WM-189	939	87								1592	2.19		23.5	323		
H-4	29	1	99	360	WM-189	813	87								1381	2.20		25.2	296		
H-4	30	1	99	361	WM-189	809	87								1387	2.19		23.5	396		
H-4	31	1	99	362	WM-189	840	87								1406	2.30		23.7	311		
H-4	31	1	99	363	WM-189	865	87								1495	2.19		24.3	311		
H-4	1	2	99	364	WM-189	811	87								1366	2.20		22.7	294		
H-4	2	2	99	365	WM-189	894	87								1509	2.20		23.4	294		
H-4	3	2	99	366	WM-189	847	87								1422	2.20		22.8	267		
H-4	3	2	99	367	WM-189	893	87								1513	2.20		27.3	324		
H-4	4	2	99	368	WM-189	861	87								1433	2.19		21.9	281		
H-4	5	2	99	369	WM-189	921	87								1591	2.20		30.5	344		
H-4	6	2	99	370	WM-189	855	87								1435	2.19		27.9	320		
H-4	6	2	99	371	WM-189	869	87								1498	2.19		26.0	309		
H-4	7	2	99	372	WM-189	1014	87								1698	2.20		27.3	522		
H-4	8	2	99	373	WM-189	917	87								1523	2.20		28.5	355		
H-4	9	2	99	374	WM-189	905	87								1786	2.20		34.1	391		
H-4	21	2	99	DB	Dolomite Bed (approx. 33 cubic feet)								2301	92							
H-4	24	2	99	375	WM-189	827	87								1383	2.20		23.0	279		
H-4	24	2	99	376	WM-189	830	87								1414	2.20		20.0	276		
H-4	25	2	99	377	WM-189	985	87								1681	2.19		29.4	371		
H-4	26	2	99	378	WM-189	869	87								1482	2.19		26.6	303		
H-4	27	2	99	379	WM-189	865	87								1456	2.19		28.7	291		
H-4	27	2	99	380	WM-189	869	87								1461	2.19		25.8	326		
H-4	28	2	99	381	WM-189	869	87								1466	2.19		26.6	300		
H-4	1	3	99	382	WM-189	876	87								1468	2.19		27.9	324		
H-4	2	3	99	383	WM-189	862	87								1466	2.19		24.1	302		
H-4	3	3	99	384	WM-189	989	87								1681	2.19		31.1	313		
H-4	4	3	99	385	WM-189	859	87								1463	2.19		29.9	304		
H-4	4	3	99	386	WM-189	866	87								1474	2.19		25.8	274		
H-4	5	3	99	387	WM-189	941	87								1414	2.19		24.9	294		
H-4	6	3	99	388	WM-189	925	87								1400	2.19		28.1	360		
H-4	7	3	99	389	WM-189	938	87								1414	2.19		30.0	360		
H-4	8	3	99	390	WM-189	932	87								1395	2.19		28.6	314		
H-4	8	3	99	391	WM-189	926	87								1404	2.19		28.3	391		
H-4	9	3	99	392	WM-189	910	87								1331	2.19		27.1	311		
H-4	10	3	99	393	WM-189	862	87								1452	2.19		25.3	281		
H-4	10	3	99	394	WM-189	875	87								1453	2.19		27.6	304		
H-4	11	3	99	395	WM-189	894	87								1340	2.19		25.5	302		
H-4	12	3	99	396	WM-189	884	87								1362	2.19		26.0	307		
H-4	12	3	99	397	WM-189	862	87								1453	2.19		27.6	302		
H-4	13	3	99	398	WM-189	946	87								1394	2.19		24.8	227		
H-4	14	3	99	399	WM-189	940	87								1382	2.19		27.2	164		
H-4	15	3	99	400	WM-189	888	87								1337	2.19		27.4	227		
H-4	15	3	99	401	WM-189	891	87								1342	2.19		28.1	241		
H-4	16	3	99	402	WM-189	903	87								1332	2.19		26.5	244		
H-4	17	3	99	403	WM-189	897	87								1334	2.19		24.3	212		
H-4	18	3	99	404	WM-189	897	87								1337	2.19		23.9	204		
H-4	18	3	99	405	WM-189	895	87								1340	2.19		24.8	258		

Table A6. Calciner Feed to Calcined Solids Storage Facility VI. (continued)

NWCF Camp.	Date			Batch No.	Feed Stream												Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>			
	d	mo	yr		tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb			
H-4	19	3	99	406	WM-189	908	87							1373	2.20		24.6	264			
H-4	20	3	99	407	WM-189	908	87							1399	2.20		27.7	247			
H-4	21	3	99	408	WM-189	916	87							1369	2.19		24.6	256			
H-4	21	3	99	409	WM-189	916	87							1383	2.19		31.7	235			
H-4	22	3	99	410	WM-189	800	87							1204	2.19		23.7	241			
H-4	23	3	99	411	WM-189	880	87							1309	2.19		28.8	293			
H-4	24	3	99	412	WM-185	651	81							1627	2.19		25.8	135			
H-4	24	3	99	413	WM-185	658	81							1625	2.19		29.5	270			
H-4	25	3	99	414	WM-185	650	81							1617	2.19		28.4	138			
H-4	26	3	99	415	WM-185	654	81							1629	2.19		27.7	264			
H-4	26	3	99	416	WM-185	645	81							1638	2.19		32.3	250			
H-4	27	3	99	417	WM-185	650	81							1616	2.19		28.1	233			
H-4	28	3	99	418	WM-185	661	81							1630	2.19		30.0	276			
H-4	29	3	99	419	WM-185	652	81							1628	2.19		27.7	274			
H-4	29	3	99	420	WM-185	654	81	Start high temp will need to adjust NO3						1638	2.19		26.8	230			
H-4	30	3	99	421	WM-185	662	81							1630	2.19		29.6	244			
H-4	31	3	99	422	WM-185	651	81							1641	2.19		28.8	245			
H-4	31	3	99	423	WM-185	650	81							1618	2.19		28.4	180			
H-4	1	4	99	424	WM-185	657	81							1635	2.19		25.3	257			
H-4	2	4	99	425	WM-185	1140	81							1140	2.18		29.6	407			
H-4	3	4	99	426	WM-185	1143	81							1147	2.18			368			
H-4	3	4	99	427	WM-185	1142	81							1136	2.18			404			
H-4	4	4	99	428	WM-185	1140	81							1140	2.18			377			
H-4	5	4	99	429	WM-185	1050	81							1050	2.18			344			
H-4	6	4	99	430	WM-185	1038	81							1025	2.19			341			
H-4	6	4	99	431	WM-185	1026	81							1035	2.19			371			
H-4	7	4	99	432	WM-185	1140	81							1140	2.18			375			
H-4	8	4	99	433	WM-185	1139	81							1152	2.18			384			
H-4	8	4	99	434	WM-185	1143	81							1142	2.20			414			
H-4	9	4	99	435	WM-185	996	81							989	2.18			358			
H-4	10	4	99	436	WM-185	1153	81							1160	2.18			379			
H-4	11	4	99	437	WM-185	1153	81							1139	2.18			392			
H-4	12	4	99	438	WM-185	1102	81							1094	2.18			410			
H-4	12	4	99	439	WM-185	1079	81							1093	2.18			367			
H-4	13	4	99	440	WM-185	1142	81							1142	2.18			345			
H-4	14	4	99	441	WM-185	646	81							1635	2.18			311			
H-4	14	4	99	442	WM-185	654	81							1640	2.18			285			
H-4	15	4	99	443	WM-185	652	81							1633	2.17			298			
H-4	16	4	99	444	WM-185	646	81							1634	2.17			406			
H-4	16	4	99	445	WM-185	736	81	Return to 500 degrees centigrade						1778	2.17		20.5	237			
H-4	17	4	99	446	WM-185	588	81							1700	2.17		28.9	337			
H-4	18	4	99	447	WM-185	573	81							1731	2.17		35.7	380			
H-4	19	4	99	448	WM-185	570	81							1710	2.17		30.5	144			
H-4	19	4	99	449	WM-185	570	81							1710	2.18		30.9	147			
H-4	20	4	99	450	WM-185	621	81							1562	2.19		30.3	204			
H-4	21	4	99	451	WM-185	622	81							1576	2.19		28.3	244			
H-4	21	4	99	452	WM-185	625	81							1569	2.18		31.9	263			
H-4	22	4	99	453	WM-185	626	81							1558	2.18		28.7	191			
H-4	23	4	99	454	WM-185	612	81							1511	2.18		35.3	244			
H-4	24	4	99	455	WM-185	635	81							1561	2.19		27.1	291			
H-4	25	4	99	456	WM-185	649	81							1621	2.19		34.7	204			
H-4	27	4	99	457	WM-185	617	81							1605	2.18		31.5	226			
H-4	28	4	99	458	WM-185	796	81							2014	2.18		37.6	232			
H-4	29	4	99	459	WM-185	625	81							1571	2.18		30.7	257			
H-4	30	4	99	460	WM-185	636	81							1561	2.18		22.7	315			
H-4	30	4	99	461	WM-185	650	81							1635	2.17		40.2	237			
H-4	1	5	99	462	WM-185	640	81							1626	2.17		28.8	216			
H-4	1	5	99	463	WM-185	667	81							1624	2.17		30.5	336			
H-4	2	5	99	464	WM-185	681	81							1630	2.17		28.5	305			
H-4	3	5	99	465	WM-185	657	81							1609	2.17		30.9	288			
H-4	4	5	99	466	WM-185	646	81							1635	2.19		29.0	267			
H-4	5	5	99	467	WM-185	659	81	Return to high temp will need to adjust NO3						1656	2.19		28.8	237			
H-4	6	5	99	468	WM-185	676	81							1623	2.19		30.9	295			
H-4	7	5	99	469	WM-185	653	81							1626	2.17		29.9	228			
H-4	8	5	99	470	WM-185	670	81							1625	2.17		28.5	198			
H-4	9	5	99	471	WM-185	350	81							1620	2.17		30.0	294			
H-4	10	5	99	472	WM-185	647	81							1636	2.17		28.2	245			
H-4	11	5	99	473	WM-185	778	81							1526	2.18		0.2	238			

Table A6. Calciner Feed to Calcined Solids Storage Facility VI. (continued)

NWCF	Date			Batch	Feed Stream												Cold Chemicals				
					1			2			3			Al(NO <sub>3</sub> ) <sub>3</sub>		NaNO <sub>3</sub>	H <sub>3</sub> BO <sub>3</sub>	Ca(NO <sub>3</sub> ) <sub>2</sub>			
Camp.	d	mo	yr	No.	tank	gal	code	tank	gal	code	tank	gal	code	gal	M	M	kg	lb			
H-4	12	5	99	474	WM-185	764	81							1510	2.18			175			
H-4	13	5	99	475	WM-185	763	81							1519	2.19		0.2	162			
H-4	15	5	99	476	WM-185	764	81							1515	2.19			202			
H-4	16	5	99	477	WM-185	739	81							1473	2.19			149			
H-4	16	5	99	478	WM-185	716	81							1433	2.19			175			
H-4	17	5	99	479	WM-185	750	81							1455	2.19			314			
H-4	18	5	99	480	WM-185	648	81							1542	2.19		30.9	255			
H-4	19	5	99	481	WM-185	667	81							1603	2.19		33.6	241			
H-4	20	5	99	482	WM-185	657	81	Return to 500 degrees centigrade						1612	2.19		33.0	308			
H-4	21	5	99	483	WM-185	549	81							1344	2.19		29.7	278			
H-4	22	5	99	484	WM-185	550	81							1333	2.18		32.6	278			
H-4	23	5	99	485	WM-185	524	81							1329	2.18		31.9	268			
H-4	24	5	99	486	WM-185	526	81							1318	2.18		31.2	154			
H-4	25	5	99	487	WM-185	676	81							1631	2.18		30.4	171			
H-4	27	5	99	488	WM-185	616	81							1549	2.18		33.1	117			
H-4	29	5	99	489	WM-185	612	81							1468	2.18		20.8	117			
H-4	6	3	2000	DB	Dolomite Bed (approx. 110 cubic feet)							7750	92								
H-4	7	3	2000	DB	Dolomite Bed (approx. 11 cubic feet)							796	92								
H-4	8	3	2000	17C	Cold									3012	2.10						
H-4	8	3	2000	DB	Dolomite Bed (approx. 18 cubic feet)							1239	92								
H-4	9	3	2000	DB	Dolomite Bed (approx. 11 cubic feet)							796	92								
H-4	10	3	2000	18C	Cold									2816	2.10						
H-4	10	3	2000	489	WM-189	745	87							1869	2.10		21.6				
H-4	11	3	2000	490	WM-189	740	87							1863	2.10		21.6				
H-4	12	3	2000	491	WM-189	754	87							1850	2.10		21.6				
H-4	13	3	2000	492	WM-189	681	87							1745	2.10		21.6				
H-4	14	3	2000	493	WM-189	655	87							1623	2.10		20.6				
H-4	15	3	2000	494	WM-189	659	87							1617	2.19		20.2				
H-4	15	3	2000	495	WM-189	908	87							1272	2.20		19.7	122			
H-4	16	3	2000	496	WM-189	913	87							1285	2.20		22.5	136			
H-4	17	3	2000	497	WM-189	903	87							1283	2.20		22.6	143			
H-4	18	3	2000	498	WM-189	909	87							1281	2.20		24.4	153			
H-4	18	3	2000	499	WM-189	900	87							1272	2.20		21.3	167			
H-4	19	3	2000	500	WM-189	905	87							1269	2.20		22.5	151			
H-4	20	3	2000	501	WM-189	898	87							1617	2.20		29.3	165			
H-4	21	3	2000	502	WM-189	792	87							1174	2.20		19.0	158			
H-4	22	3	2000	503	WM-189	798	87							1095	2.18		19.2	122			
H-4	23	3	2000	504	WM-189	797	87							1097	2.18		21.1	143			
H-4	23	3	2000	505	WM-189	766	87							1098	2.20		24.5	144			
H-4	24	3	2000	506	WM-189	857	87							1223	2.10		20.2	165			
H-4	25	3	2000	507	WM-189	855	87	Start high temp will need to adjust NO3						1194	2.10		16.5	129			
H-4	26	3	2000	508	WM-189	867	87							1200	2.10		23.3	144			
H-4	26	3	2000	509	WM-189	1132	87							1476	2.10			158			
H-4	27	3	2000	510	WM-189	1005	87							1308	2.20			162			
H-4	28	3	2000	511	WM-189	899	87							1151	2.20			144			
H-4	29	3	2000	512	WM-189	891	87							1142	2.10			143			
H-4	29	3	2000	513	WM-189	1005	87							1302	2.20			111			
H-4	30	3	2000	514	WM-189	906	87							1189	2.20			141			
H-4	31	3	2000	515	WM-189	925	87							1195	2.20			137			
H-4	1	4	2000	516	WM-189	1075	87							1242	2.20			151			
H-4	1	4	2000	517	WM-189	924	87							1073	2.19			158			
H-4	2	4	2000	518	WM-189	938	87							1074	2.19			139			
H-4	3	4	2000	519	WM-189	934	87							1078	2.19			129			
H-4	3	4	2000	520	WM-189	937	87							1087	2.19			125			
H-4	4	4	2000	521	WM-189	1069	87							1227	2.18			131			
H-4	5	4	2000	522	WM-189	1012	87							1195	2.18			144			
H-4	6	4	2000	523	WM-189	1031	87							1173	2.18			153			
H-4	6	4	2000	524	WM-189	988	87							1134	2.17			141			
H-4	7	4	2000	525	WM-189	980	87							1236	2.18			137			
H-4	8	4	2000	526	WM-189	975	87							1125	2.16			132			
H-4	8	4	2000	527	WM-189	1059	87							1056	2.16			157			
H-4	9	4	2000	528	WM-189	1050	87							1050	2.16			143			
H-4	10	4	2000	529	WM-189	1045	87							1044	2.16			137			
H-4	11	4	2000	530	WM-189	1050	87							1061	2.18			146			
H-4	11	4	2000	531	WM-189	1069	87							1059	2.18			143			
H-4	12	4	2000	532	WM-189	1058	87							1056	2.18			150			
H-4	13	4	2000	533	WM-189	1063	87							1046	2.18			141			
H-4	14	4	2000	534	WM-189	1050	87							1049	2.18			151			

Table A6. Calciner Feed to Calcined Solids Storage Facility VI. (continued)

NWCF Camp	Date			Batch No.	Feed Stream									Cold Chemicals				
	d	mo	yr		1 tank	gal	code	2 tank	gal	code	3 tank	gal	code	Al(NO <sub>3</sub> ) <sub>3</sub> gal	M	NaNO <sub>3</sub> M	H <sub>3</sub> BO <sub>3</sub> kg	Ca(NO <sub>3</sub> ) <sub>2</sub> lb
H-4	14	4	2000	535	WM-189	1059	87							1061	2.18			127
H-4	15	4	2000	536	WM-189	1055	87							1042	2.18			129
H-4	16	4	2000	537	WM-189	1041	87							1049	2.18			183
H-4	17	4	2000	538	WM-189	1067	87							1067	2.18			137
H-4	17	4	2000	539	WM-189	1053	87							1061	2.18			172
H-4	18	4	2000	540	WM-189	1052	87							1074	2.16			143
H-4	19	4	2000	541	WM-189	1039	87							1024	2.18		13.7	141
H-4	20	4	2000	542	WM-189	1220	87							1229	2.17		14.2	146
H-4	21	4	2000	543	WM-189	1005	87							1208	2.17			120
H-4	22	4	2000	544	WM-189	992	87							1179	2.17			164
H-4	22	4	2000	545	WM-189	984	87							1172	2.17			144
H-4	23	4	2000	546	WM-189	976	87							1186	2.17			122
H-4	24	4	2000	547	WM-189	935	87							1115	2.17			131
H-4	25	4	2000	548	WM-189	946	87							1107	2.18			143
H-4	25	4	2000	549	WM-189	934	87							1139	2.18			143
H-4	26	4	2000	550	WM-189	932	87							1130	2.18			172
H-4	27	4	2000	551	WM-189	935	87							1139	2.18			122
H-4	28	4	2000	552	WM-189	933	87							1140	2.18			124
H-4	29	4	2000	553	WM-189	901	87							1070	2.18			132
H-4	30	4	2000	554	WM-189	891	87							1076	2.18			176
H-4	1	5	2000	555	WM-189	930	87							1121	2.18			115
H-4	1	5	2000	556	WM-189	990	87							1174	2.18			134
H-4	2	5	2000	557	WM-189	924	87							1119	2.18			144
H-4	3	5	2000	558	WM-189	939	87							1116	2.18			160
H-4	4	5	2000	559	WM-189	974	87							1180	2.17			143
H-4	5	5	2000	560	WM-189	946	87							1113	2.17			165
H-4	5	5	2000	561	WM-189	935	87							1120	2.17			136
H-4	7	5	2000	562	WM-189	882	87							1073	2.17			141
H-4	7	5	2000	563	WM-189	937	87							1340	2.17			132
H-4	8	5	2000	564	WM-189	928	87							1118	2.17			139
H-4	9	5	2000	565	WM-189	895	87							1111	2.17			155
H-4	10	5	2000	566	WM-189	972	87							1169	2.17			139
H-4	11	5	2000	567	WM-189	974	87							1173	2.17			162
H-4	12	5	2000	568	WM-189	984	87							1186	2.17			131
H-4	12	5	2000	569	WM-189	1206	87							1094	2.17			157
H-4	12	5	2000	DB	Dolomite Bed (approx. 15 cubic feet)							1062	92					
H-4	13	5	2000	570	WM-189	1144	87							1043	2.17			171
H-4	14	5	2000	571	WM-189	1157	87							1033	2.17			144
H-4	15	5	2000	572	WM-189	1164	87							1037	2.17			186
H-4	16	5	2000	573	WM-189	1155	87							1052	2.17			143
H-4	17	5	2000	574	WM-189	1175	87							1036	2.17			136
H-4	17	5	2000	575	WM-189	1171	87							1062	2.17			155
H-4	18	5	2000	576	WM-189	1265	87							978	2.17			157
H-4	19	5	2000	577	WM-189	1243	87							997	2.17			136
H-4	20	5	2000	578	WM-189	1224	87							972	2.17			148
H-4	21	5	2000	579	WM-189	1223	87							973	2.17			171
H-4	21	5	2000	580	WM-189	1226	87							964	2.17			117
H-4	22	5	2000	581	WM-189	1221	87							982	2.17			174
H-4	23	5	2000	582	WM-189	1161	87							921	2.17			157
H-4	24	5	2000	583	WM-189	939	87							742	2.17			132
H-4	24	5	2000	584	NCC-119									1400	2.17		5.0	
H-4	25	5	2000	585	NCC-119									1400	2.17		5.0	
H-4	26	5	2000	586	NCC-119									1400	2.17		5.0	

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