

CHAPTER 6

TRANSFER, TREATMENT, AND STORAGE FACILITY REGULATIONS

Section 1. In General.

(a) Authority: The authority for the rules and regulations promulgated in this chapter is the Wyoming Environmental Quality Act, W.S. 35-11-101 et seq.

~~(b) Applicability: This chapter governs facilities for the transfer, treatment, and storage of nonhazardous solid wastes.~~

~~(c) Objective: The objective of these rules and regulations is to set forth permit application requirements and to establish minimum standards for the location, design, construction, operation, monitoring, closure, and post-closure maintenance of treatment, transfer, and storage facilities.~~

~~(d) Severability: If any section or provision of these regulations, or the application of that section or provision to any person, situation, or circumstance is adjudged invalid for any reason, the adjudication does not affect any other section or provision of these regulations or the application of the adjudicated section or provision to any other person, situation, or circumstance. The Environmental Quality Council declares that it would have adopted the valid portions and applications of these regulations without the invalid part, and to this end the provisions of these regulations are declared to be severable.~~

~~(e) Reserved.~~

(a**b**) Permit ~~T~~ransition:

~~—The following rules concerning permit application submittals under Chapter 1, Section 2 will apply.~~

(i) Existing facilities:

(A) Existing facilities that have received wastes after the effective date of these regulations:

(I) The operator of any facility with a complete application or a valid permit or an authorization that has not expired by the effective date of these regulations shall either:

(1) Submit a renewal application before the existing permit or authorization expires; ² or

(2) Cease receipt of wastes before the existing permit or authorization expires and close in conformance with the closure standards in ~~Section 7~~ of this

47 chapter.

48
49 (II) The operator of any facility without a complete application
50 or a permit or authorization that has expired by the effective date of these regulations shall either:

51
52 (1) Submit a renewal application ~~after the effective date~~
53 ~~of these regulations, as specified by the administrator, but~~ no later than six (6) months after the
54 effective date of these regulations; or

55
56 (2) Cease receipt of wastes within six (6) months after
57 the effective date of these regulations and close in conformance with the closure standards in
58 ~~Section 7 of~~ this chapter.

59
60 (B) Existing facilities that have not received wastes after the effective
61 date of these regulations: The operator may be required to submit a closure ~~permit~~
62 ~~application plan~~ upon request by the ~~a~~Administrator. The ~~a~~Administrator may request such an
63 ~~application plan~~ whenever the ~~a~~Administrator has reason to believe that health and safety
64 hazards are present, ~~or there is has been~~ evidence of environmental contamination, ~~or the facility~~
65 ~~does not comply with the location, monitoring or closure standards of this chapter.~~

66
67 (ii) New facilities: The operator of any new facility shall submit an
68 application ~~as in accordance with the permit application procedures~~ specified in Chapter 1,
69 ~~Section 2(b) and 2(e), or Section 2(j),~~ and shall obtain a permit prior to construction;

70
71 (iii) Closing facilities:

72
73 (A) Anticipated closure: The operator of any facility with a valid
74 permit on the effective date of these regulations ~~or a valid permit or renewal permit issued under~~
75 ~~Chapter 1, Section 2(d), Section 2(f) or Section 2(j),~~ shall provide written notice of the intent to
76 close to the Administrator at least thirty (30) days prior to commencing closure and close the
77 facility in conformance with the closure standards in the facility's permit and this chapter.
78 Closure shall be completed within ninety (90) days, unless additional time is granted by the
79 Administrator. Within thirty (30) days after closure activities have been completed, the operator
80 shall submit written documentation of closure to the Administrator. When the Administrator
81 determines that closure has been properly completed and there are no health and safety hazards
82 or environmental contamination, the permit shall be terminated and financial assurance will no
83 longer be necessary ~~submit a closure permit application to the administrator between 270 and 180~~
84 ~~days prior to the anticipated facility closure;.~~

85
86 (B) Unanticipated closure: In the event any facility ceases operation,
87 as determined by nonreceipt of solid wastes for a continuous nine (9) month period or any
88 continuous one (1) year period for petroleum-contaminated soils land treatment facilities and
89 mobile transfer, treatment and storage facilities, the ~~facility~~operator shall provide written
90 notification to the ~~a~~Administrator no later than thirty (30) days after the end of such nine (9)
91 month or one (1) year period and close the facility in conformance with the closure standards in
92 the facility's permit and this chapter. Closure shall be completed within ninety (90) days, unless

93 additional time is granted by the Administrator. Within thirty (30) days after closure activities
94 have been completed, the operator shall submit written documentation of closure to the
95 Administrator. When the Administrator determines that closure has been properly completed
96 and there are no health and safety hazards or environmental contamination, the permit shall be
97 terminated and financial assurance will no longer be necessary. ~~This notification shall be~~
98 ~~accompanied by a closure permit application unless the administrator approves interim measures~~
99 ~~with the delayed final closure for good cause upon application by the operator;~~

100
101 (C) Mobile transfer, treatment and storage facility closure: The
102 operator of any mobile facility ~~with a valid permit or authorization~~ shall provide written
103 notification to the aAdministrator within thirty (30) days if the ~~facility operation is~~
104 ~~discontinued~~ operator no longer plans to operate the facility. ~~prior to the expiration of the permit~~
105 ~~or authorization. This notification does not require submission of a closure permit application.~~

106
107 (g) Permit terms:

108
109 (i) Permits shall be issued for the operating life of the facility through closure
110 and completion of any required remediation activities, as approved by the Administrator.

111
112 (xxi) Mobile Ffacilities shall not be operated in a single location for more than
113 one (1) year, unless the aAdministrator provides specific written authorization;

114
115 ~~(i) New permits will be issued for an eight (8) year term;~~

116
117 ~~(ii) Renewal permits will be issued for an eight (8) year term;~~

118
119 ~~(iii) All closure permits will be issued for a one (1) year term unless the administrator~~
120 ~~approves an extended closure period for good cause.~~

121 (d) Definitions: The definitions in W.S. 35-11-103(a) and (d) of the Wyoming
122 Environmental Quality Act and the definitions in Solid Waste Rules and Regulations Chapter 1
123 apply to these rules.

124 125 **Section 2. Permit Application Requirements.**

126
127 (a) General standards: All facilities shall comply with the applicable standards in this
128 chapter, whether or not detailed information must be submitted in a permit application.

129
130 ~~(b) Permit application requirements for transfer, treatment and storage facilities:~~

131
132 (b) Permit application forms: ~~The~~ All permit applications shall contain a completed
133 permit application form. All permit application forms shall be signed by the operator, the
134 landowner and any real property lien holder of public record. All applications shall be signed by
135 the operator under oath subject to penalty of perjury. All persons signing the application shall be
136 duly authorized agents.

137
138 (i) The following persons are considered duly authorized agents:

139
140 _____ (A) For a municipality, state, federal or other public agency, by
141 the head of the agency or ranking elected official;

142
143 _____ (B) For corporations, at least two principal officers;

144
145 _____ (C) For a sole proprietorship or partnership, a proprietor or
146 general partner, respectively.

147
148 _____ (ii) Except for Low Hazard/Low Volume (LH/LV) facilities (fixed and
149 mobile), All permit applications shall be prepared under the supervision of a professional
150 engineer registered in the State of Wyoming. Except for LH/LV facilities (fixed and mobile),
151 All permit application forms shall be stamped, dated and signed by a professional engineer. In
152 addition, all portions of the permit application which that require geological services or work
153 shall be stamped, signed and dated by a professional geologist licensed by the State of Wyoming.

154
155 _____ (c) Low Hazard/Low Volume facility permit applications, except applications for
156 mobile facilities: In addition to a permit application form, LH/LV permit applications shall
157 include:

158
159 (iv) An original USGS map or another map approved by the Administrator,
160 identifying the location of the facility. If the facility is located within a city or town, a map of
161 the city or town may be used in lieu of an original USGS map;

162
163 _____ (ii) A brief narrative describing the facility, including a description of waste
164 management activities, the type and quantity of waste managed, the service area and the source
165 of incoming waste.

166
167 _____ (iii) A demonstration that the facility meets the location standards in Section 4
168 of this chapter.

169
170 _____ (iv) Except for municipally operated facilities, a detailed description of the
171 tasks to be completed in order to properly close the facility, including but not limited to the
172 removal and proper management of the maximum amount of wastes, both treated and untreated,
173 that may be stored at the facility, cleaning of all solid waste management units and equipment,
174 and reclamation of the site.

175
176 (viii) ~~The i~~Information to verify compliance with Chapter 7, ~~Financial~~
177 ~~Assurance~~, including an estimate of ~~3~~third-party costs associated with facility closure tasks, and
178 an appropriate financial assurance mechanism.

179
180
181
182 _____ ~~(iii) A written report shall be submitted containing the following information:~~

183
184 _____ (d) Mobile and full-size fixed transfer, treatment, and storage facility permit

185 applications: In addition to a permit application form, a written application shall demonstrate
186 compliance with the applicable requirements of Sections 3-17 of this chapter. If any standard or
187 requirement is not applicable to the facility, the permit application shall explain why the standard
188 or requirement is not applicable.

189
190 (ee) Renewal applications requirement: Renewal applications shall be submitted as
191 required in Chapter 1, ~~Section 2(e) or (j)~~, and shall contain the following information:

192
193 (i) ~~Each renewal application submitted in accordance with the requirements~~
194 ~~of subsection (a) of this section shall include a~~ compilation of any available previous permit
195 application materials and supplemental information updated and revised as necessary to describe
196 any ~~minor and major~~ amendments and fulfill the information requirements specified in this
197 ~~chapter subsection (b), (c), or (d) of this section~~, except for ~~Sections 2(b)(iii)(E) [surface~~
198 ~~ownership and], 2(b)(iii)(F) [location standards], and 2(e)(iii)(I) [site suitability]~~. The applicant
199 ~~may shall have the option to~~ submit copies of only the updated and revised portion of the
200 previous application, if the revised and updated pages are appropriately numbered and dated to
201 facilitate incorporation into the previous permit document;.

202
203 (ii) Any necessary plan revisions and for the upcoming permit renewal period.
204 ~~A~~ any requests for approval of amendments ~~which describe major changes in facility operation~~
205 ~~should be included;~~

206
207 ~~_____ (iii) If necessary, detailed construction and operation specifications for the~~
208 ~~upcoming permit period; and~~

209
210 ~~_____ (iv) A description of steps taken to mitigate or correct practices that have resulted~~
211 ~~in past operational deficiencies.~~

212 Section 3. General Facility Information.

213 (Aa) Requirements for mobile and full-size fixed facilities:

214
215 (i) The name, address and telephone number of the operator of the facility to
216 whom the permit would be issued, and a listing of any administrative order, civil or
217 administrative penalty assessment, bond forfeiture, misdemeanor or felony conviction, or court
218 proceeding, for any violations of any local, state or federal law relating to environmental quality
219 or criminal racketeering, in which the applicant (including any partners in a partnership or
220 executive officers in any corporation, if the applicant is a partnership or corporation) has been or
221 is currently involved;

222
223 (Bii) The name position title, address, and telephone number of the solid waste
224 manager. ~~A description of the basic training and examination program, to be used by the~~
225 ~~operator to assure compliance with the requirements of this chapter shall be included. The~~
226 ~~description shall include a specific listing of the training courses, and the required frequency of~~
227 ~~attendance of each course by the solid waste manager;~~

231 ~~(Diii)~~ A brief narrative describing the facility, the type of waste transfer,
232 treatment and storage that is planned, including but not limited to chemical, physical, biological,
233 and thermal activities. A descriptive statement of the procedures and processes to be used, and
234 the type, amount, and source of incoming waste shall be provided. The narrative shall also
235 describe the service area of the facility.;

236
237 (b) Additional requirements for full-size fixed facilities

238
239 _____ ~~(Ei)~~ The legal description of the property to be used as a transfer, treatment and
240 storage facility. The complete legal description shall consist of a plat and legal description,
241 monumented and signed in accordance with Wyoming statutes by a Wyoming licensed land
242 surveyor.;

243
244 _____ ~~(Eii)~~ Information describing surface ownership of the site and all lands adjacent
245 to the facility boundary.;

246
247 (c) Access agreement: The application shall include the following access agreement:

248
249 (i) The owner of the facility authorizes Department representatives, upon the
250 presentation of credentials and other documents as may be required by law, to access and enter
251 upon the operator's premises where a regulated facility or activity is located or conducted, or
252 where records must be kept under the conditions of a permit, authorization or exemption; have
253 access to and copy, at reasonable times, any records that must be kept under the conditions of
254 any permit, authorization or exemption; inspect at reasonable times any facilities, equipment
255 (including monitoring and control equipment), practices, or operations regulated or required
256 under the Act; and collect resource data, sample or monitor at reasonable times, for the purposes
257 of ensuring compliance or as otherwise authorized by the appropriate rules and regulations of the
258 Department, any substances or parameters at any location.

259 ~~(F) A demonstration that the facility meets the location standards specified under Section 3 of~~
260 ~~this chapter~~

261 ~~(G) Detailed information describing the site's hydrogeology may be~~
262 ~~required if the waste management occurs outside an enclosed building;~~

263
264 ~~(H) An evaluation of the facility's potential to impact surface and ground~~
265 ~~water quality, based on the facility design and the site hydrogeologic setting;~~

266
267 ~~(I) Any information known to the applicant that would limit the site's~~
268 ~~suitability as a transfer, treatment and storage facility;~~

269
270
271 ~~(J) A detailed description of the facility design, construction and~~
272 ~~operating procedures, including the following information:~~

273
274 ~~(I) The service area (source of wastes) and the type of wastes that~~
275 ~~will be managed at the facility;~~

276

277 ~~(II) A description of the facility access controls;~~
278
279 ~~(III) A description of the waste screening measures used to~~
280 ~~prevent the management of unauthorized wastes. The waste screening measures may include~~
281 ~~specific waste testing procedures to verify that only authorized wastes are accepted at the~~
282 ~~facility;~~
283
284 ~~(IV) A description of the size, type and number and purpose of all~~
285 ~~solid waste management units and equipment. This information shall also include a description~~
286 ~~of the capacity of the solid waste management units and equipment in terms of how much waste~~
287 ~~can be transferred and treated per hour, day, month or year and the maximum quantity of wastes,~~
288 ~~both treated and untreated, that can be stored in each solid waste management unit;~~
289
290 ~~(V) A description of secondary containment systems and leak~~
291 ~~detection systems;~~
292
293 ~~(VI) A description of any surface water structures;~~
294
295 ~~(VII) A description of the on-site traffic control plan;~~
296
297 ~~(VIII) A description of the fire and other emergency protection~~
298 ~~measures;~~
299
300 ~~(IX) A description of the signs that will be posted to identify the~~
301 ~~facility, solid waste management units and equipment;~~
302
303 ~~(X) A description of the litter control program, including the~~
304 ~~frequency of waste collection to prevent the site from becoming unsightly;~~
305
306 ~~(XI) A description of the measures that will be taken at the site to~~
307 ~~control vectors and potential odors, dust, and noise that could occur as a result of the waste~~
308 ~~management activity;~~
309
310 ~~(XII) A description of the characterization and disposal of any~~
311 ~~wastes generated from any waste management processes;~~
312
313 ~~(XIII) A description of the methods used for characterization and~~
314 ~~disposal of wastewaters generated from cleaning solid waste management units and equipment;~~
315
316 ~~(XIV) A description of the confirmation sampling and analysis~~
317 ~~program used to verify that the wastes have been properly treated;~~
318
319 ~~(XV) Any other information necessary to demonstrate compliance~~
320 ~~with the design, construction and operating standards specified in Sections 4 and 5 of this~~
321 ~~chapter.~~
322

323 ~~(K) A detailed description of the environmental monitoring program~~
324 ~~including a description of the monitoring well location, design, construction and development. A~~
325 ~~description of the groundwater sampling program shall be provided including sampling~~
326 ~~frequency, test parameters, sampling procedures, test methods and quality control;~~

327
328 ~~(L) A description of how the facility will be closed, including the~~
329 ~~following information:~~

330
331 ~~(I) A description of the land use anticipated after closure;~~

332
333 ~~(II) A detailed description of the tasks to be completed in order to~~
334 ~~properly close the facility, including but not limited to the removal and proper management of~~
335 ~~the maximum amount of wastes, both treated and untreated, which may be stored at the facility,~~
336 ~~cleaning of all solid waste management units and equipment, and reclamation of the site;~~

337
338 ~~(III) A commitment to publish notice of closure to the public, if~~
339 ~~the facility is used by the general public;~~

340
341 ~~(IV) A detailed description of the environmental monitoring~~
342 ~~program during closure and the method and schedule by which the environmental monitoring~~
343 ~~systems will be abandoned;~~

344
345 ~~(V) The length of time that the closed facility will maintain access~~
346 ~~restrictions to prevent entry by the public and large animals;~~

347
348 ~~(VI) Any other information requested by the administrator to~~
349 ~~verify that an adequate closure has been accomplished.~~

350
351 ~~(iv) An original USGS map or aerial photograph of the area shall be submitted~~
352 ~~showing land ownership, land use and zoning within one half mile of the facility, unless there is~~
353 ~~an incinerator at the waste management site, in which case the map or aerial photograph shall~~
354 ~~show land ownership, land use and zoning within one mile of the facility. The map or~~
355 ~~photograph shall be of sufficient scale to show all city boundaries, occupied dwellings, schools,~~
356 ~~hospitals, industrial buildings, water wells, water courses, roads and other applicable details and~~
357 ~~shall indicate the general topography;~~

358
359 ~~(v) A general facility plot plan at a scale not greater than 200 feet to the inch with~~
360 ~~five foot contour intervals, shall be submitted. If all waste management activities occur within a~~
361 ~~single building, a scaled floor plan can be used in lieu of a general facility plot plan. The general~~
362 ~~facility plot plan shall illustrate the following features:~~

363
364 ~~(A) Facility boundaries, including any buffer zones and fire lanes~~
365 ~~proposed between the solid waste permit boundary and the property boundary;~~

366
367 ~~(B) Points of access;~~

368

- 369 ~~(C) Working area/perimeter fence location;~~
370
371 ~~(D) Location of all solid waste management units and equipment;~~
372
373 ~~(E) Locations of any buildings to house equipment or for other uses;~~
374
375 ~~(F) The location of any surface water structures;~~
376
377 ~~(G) The location of environmental monitoring devices;~~
378
379 ~~(H) Any other facility features requested by the administrator.~~

380
381 ~~(vi) Cross sections and drawing details may be requested with sufficient~~
382 ~~specifications to describe:~~

383
384 ~~(A) The movement of wastes through the waste management facility,~~
385 ~~including the points at which process wastes are generated;~~

386
387 ~~(B) Site access roads;~~

388
389 ~~(C) Solid waste management units and equipment;~~

390
391 ~~(D) Secondary containment structures and leak detection systems;~~

392
393 ~~(E) Surface water structures;~~

394
395 ~~(F) Environmental monitoring systems;~~

396
397 ~~(G) Any other design and construction details requested by the~~
398 ~~administrator.~~

399
400 ~~(vii) Blank copies of any logs, forms or reports used by the facility to comply~~
401 ~~with the recordkeeping requirements of Section 5 of this chapter, including a description of~~
402 ~~where these records will be located;~~

403
404 ~~(viii) The information to verify compliance with Chapter 7, Financial Assurance,~~
405 ~~including an estimate of 3rd party costs associated with facility closure tasks and an appropriate~~
406 ~~financial assurance mechanism;~~

407
408 ~~(ix) Information describing compliance with standards for the transfer, treatment~~
409 ~~and storage of any special waste as provided in Chapter 8, Special Waste Management~~
410 ~~Standards;~~

411
412 ~~(x) If any of the permit application requirements of this subsection are not~~
413 ~~applicable to the facility, the application shall contain a written explanation as to why the~~
414 ~~requirement is not applicable.~~

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~~(c) Permit application requirements for low hazard and low volume transfer, treatment and storage facilities, excluding mobile transfer, treatment and storage facilities:~~

~~(i) The permit application shall contain a completed permit application form. All permit application forms shall be signed by the operator, the landowner and any real property lien holder of public record. All applications shall be signed by the operator under oath subject to penalty of perjury. All persons signing the application shall be duly authorized agents. The following persons are considered duly authorized agents:~~

~~(A) For a municipality, state, federal or other public agency, by the head of the agency or ranking elected official;~~

~~(B) For corporations, at least two principal officers;~~

~~(C) For a sole proprietorship or partnership, a proprietor or general partner, respectively;~~

~~(ii) Reserved;~~

~~(iii) Reserved;~~

~~(iv) An original USGS map identifying the location of the facility. If the facility is located within a city or town, a map of the city or town may be used in lieu of an original USGS map;~~

~~(v) Reserved;~~

~~(vi) Reserved;~~

~~(vii) Reserved;~~

~~(viii) The information to verify compliance with Chapter 7, Financial Assurance, including an estimate of 3rd party costs associated with facility closure tasks, and an appropriate financial assurance mechanism.~~

~~(d) Permit application requirements for mobile transfer, treatment and storage facilities:~~

~~(i) The permit application shall contain a completed permit application form. All permit application forms shall be signed by the operator. All applications shall be signed by the operator under oath subject to penalty of perjury. All persons signing the application shall be duly authorized agents. The following persons are considered duly authorized agents:~~

~~(A) For a municipality, state, federal or other public agency, by the head of the agency or ranking elected official;~~

461 ~~(B) For corporations, at least two principal officers;~~
462
463 ~~(C) For a sole proprietorship or partnership, a proprietor or general~~
464 ~~partner, respectively.~~
465
466 ~~(ii) Reserved~~
467 ~~(iii) A written report shall be submitted containing the following information:~~
468
469 ~~(A) The name, address and telephone number of the operator of the~~
470 ~~facility to whom the permit would be issued, and a listing of any administrative order, civil or~~
471 ~~administrative penalty assessment, bond forfeiture, misdemeanor or felony conviction, or court~~
472 ~~proceeding, for any violations of any local, state or federal law relating to environmental quality~~
473 ~~or criminal racketeering, in which the applicant (including any partners in a partnership or~~
474 ~~executive officers in any corporation, if the applicant is a partnership or corporation) has been or~~
475 ~~is currently involved;~~
476
477 ~~(B) The name, address, and telephone number of the solid waste manager.~~
478 ~~A description of the basic training and examination program, to be used by the operator to assure~~
479 ~~compliance with the requirements of this chapter shall be included. The description shall include~~
480 ~~a specific listing of the training courses, and the required frequency of attendance of each course~~
481 ~~by the solid waste manager;~~
482
483 ~~(C) A detailed description of the facility design, construction and~~
484 ~~operating procedures, including the following information:~~
485
486 ~~(I) The service area (source of wastes) and the type of waste that~~
487 ~~will be managed at the facility;~~
488
489 ~~(II) A description of how access to the facility will be controlled.~~
490 ~~If access control will be determined on a site by site basis, the application shall contain a~~
491 ~~commitment to comply with the applicable design and construction and operating standards;~~
492
493 ~~(III) A description of the waste screening measures used to~~
494 ~~prevent the management of unauthorized wastes. The waste screening measures may include~~
495 ~~specific waste testing procedures to verify that only authorized wastes are accepted at the~~
496 ~~facility;~~
497
498 ~~(IV) A description of the size, type, number and purpose of all~~
499 ~~solid waste management units and equipment. This information shall also include a description~~
500 ~~of the capacity of the solid waste management units and equipment in terms of how much waste~~
501 ~~can be transferred and treated per hour, day, month or year and the maximum quantity of wastes~~
502 ~~(treated and untreated) that can be stored in each solid waste management unit;~~
503
504 ~~(V) A description of secondary containment structures and leak~~
505 ~~detection systems;~~
506

507 ~~(VI) A description of the fire and other emergency protection~~
508 ~~measures;~~
509
510 ~~(VII) A description of the signs that will be posted to identify the~~
511 ~~facility, solid waste management units and equipment;~~
512 ~~(VIII) A description of the litter control program, including the~~
513 ~~frequency of waste collection to prevent the site from becoming unsightly;~~
514
515 ~~(IX) A description of the measures that will be taken at the site to~~
516 ~~control vectors and potential odors, dust, and noise that could occur as a result of the waste~~
517 ~~management activity;~~
518
519 ~~(X) A description of the characterization and disposal of any~~
520 ~~wastes generated from any waste management processes, if the operator of the facility will be~~
521 ~~responsible for managing these wastes. If waste characterization and disposal procedures will be~~
522 ~~determined on a site by site basis, the application shall contain a commitment to comply with the~~
523 ~~applicable operating standard;~~
524
525 ~~(XI) A description of the methods used for characterization and~~
526 ~~disposal of wastewaters generated from cleaning the facility, if the operator of the facility will be~~
527 ~~responsible for managing these wastes. If wastewater characterization and disposal procedures~~
528 ~~will be determined on a site by site basis, the application shall contain a commitment to comply~~
529 ~~with the applicable operating standard;~~
530
531 ~~(XII) A description of the confirmation sampling and analysis~~
532 ~~program used to verify that the wastes have been properly treated, if the operator of the facility~~
533 ~~will be responsible for managing these wastes. If confirmation sampling and analysis procedures~~
534 ~~will be determined on a site by site basis, the application shall contain a commitment to comply~~
535 ~~with the applicable operating standard;~~
536
537 ~~(XIII) Any other information requested by the administrator which~~
538 ~~is necessary to demonstrate compliance with the design, construction and operating standards~~
539 ~~specified in Sections 4 and 5 of this chapter.~~
540
541 ~~(iv) Cross sections and drawing details may be requested with sufficient~~
542 ~~specifications to describe:~~
543
544 ~~(A) The movement of wastes through the facility, including the points at~~
545 ~~which process wastes are generated;~~
546
547 ~~(B) Solid waste management units and equipment;~~
548
549 ~~(C) Secondary containment systems and leak detection systems;~~
550 ~~(D) Any other design details requested by the administrator.~~
551
552 ~~(vii) Blank copies of any logs, forms or reports used by the facility to comply~~

553 ~~with the recordkeeping requirements of Section 5 of this chapter, including a description of~~
554 ~~where these records will be located;~~

555
556 ~~(viii) Reserved;~~

557
558 ~~(ix) Information describing compliance with standards for the transfer, treatment~~
559 ~~and storage of any special waste as provided in Chapter 8, Special Waste Management~~
560 ~~Standards;~~

561
562 ~~(x) If any of the permit application requirements of this subsection are not~~
563 ~~applicable to the facility, the application shall contain a written explanation as to why the~~
564 ~~requirement is not applicable.~~

565
566 ~~(e) Renewal application requirement: Renewal applications shall be submitted as~~
567 ~~required in Chapter 1, Section 2(e) or (j), and shall contain the following information:~~

568
569 ~~(i) Each renewal application submitted in accordance with the requirements of~~
570 ~~subsection (a) of this section shall include a compilation of any available previous permit~~
571 ~~application materials and supplemental information updated and revised as necessary to describe~~
572 ~~any minor and major amendments and fulfill the information requirements specified in~~
573 ~~subsection (b), (c), or (d) of this section, except for Sections 2(b)(iii)(E) [surface ownership],~~
574 ~~2(b)(iii)(F) [location standards], and 2(c)(iii)(I) [site suitability]. The applicant shall have the~~
575 ~~option to submit copies of only the updated and revised portion of the previous application, if the~~
576 ~~revised and updated pages are appropriately numbered and dated to facilitate incorporation into~~
577 ~~the previous permit document;~~

578
579 ~~(ii) Any necessary plan revisions for the upcoming permit renewal period. Any~~
580 ~~requests for approval of amendments which describe major changes in facility operation should~~
581 ~~be included;~~

582
583 ~~(iii) If necessary, detailed construction and operation specifications for the~~
584 ~~upcoming permit period; and~~

585
586 ~~(iv) A description of steps taken to mitigate or correct practices that have resulted~~
587 ~~in past operational deficiencies.~~

588
589 ~~(f) Closure permit requirements:~~

590
591 ~~(i) Closure applications shall be submitted as required in Section 2(a) of this~~
592 ~~chapter and shall contain the following information:~~

593
594 ~~(A) A permit application form signed in the manner described in Sections 2(b)(i)~~
595 ~~and 2(b)(ii) or 2(c)(i) of this chapter;~~

596
597 ~~(B) A copy of the pertinent materials from the approved permit application or~~
598 ~~approved renewal permit application, revised and updated as necessary, may be used to fulfill~~

599 ~~these requirements:~~

600

601 ~~(1) Environmental monitoring system information specified in subsection~~

602 ~~2(b)(iii)(K);~~

603

604 ~~(2) Closure information specified in subsection 2(b)(iii)(L) of this section.~~

605

606 ~~(C) Information to verify compliance with Chapter 7, Financial Assurance,~~

607 ~~including an estimate of 3rd-party costs associated with the facility closure tasks and an~~

608 ~~appropriate financial assurance mechanism;~~

609

610 ~~(D) Information verifying compliance with the standards for the transfer,~~

611 ~~treatment or disposal of any special waste as provided in Chapter 8, Special Waste Management~~

612 ~~Standards;~~

613

614 ~~(E) If any of the closure permit application requirements of this subsection are~~

615 ~~not applicable to the facility, the application shall contain a written explanation as to why the~~

616 ~~requirement is not applicable.~~

617

618 ~~(g) Permit terms:~~

619

620 ~~(i) New permits will be issued for an eight (8) year term;~~

621

622 ~~(ii) Renewal permits will be issued for an eight (8) year term;~~

623

624 ~~(iii) All closure permits will be issued for a one (1) year term unless the~~

625 ~~administrator approves an extended closure period for good cause.~~

626

627 ~~(h) Financial assurance requirement: Any operator of a transfer, treatment and storage~~

628 ~~facility or a low hazard and low volume transfer, treatment and storage facility subject to the~~

629 ~~financial assurance requirements of Chapter 7 shall provide and maintain adequate assurance of~~

630 ~~financial responsibility as specified therein, prior to issuance of a permit by the director.~~

631

632 **Section ~~34~~. Location Standards.**

633

634 ~~(a) New transfer, treatment and storage facilities:~~

635

636 ~~(a) General standards: New transfer, treatment and storage facilities shall not be~~

637 ~~located in violation of the standards ~~described~~ in this section.~~

638

639 ~~(b) Local zoning: Facility locations shall not be in conflict with local zoning~~

640 ~~ordinances or land use plans that have been adopted by a county commission or municipality.~~

641

642

643 ~~————(ii) Facilities shall not be located in an area where the administrator, after investigation~~

644 ~~by the applicant, finds there is a reasonable probability the solid waste management facility will~~

645 ~~have a detrimental effect on surface water or groundwater quality;~~

646

647 (iii) Floodplains: Facilities shall not be located within the boundaries of a 100-year
648 floodplain;

649

650 (Id) Wetlands: Facilities shall not be located in wetlands ~~as defined in Chapter 1,~~
651 ~~Section 1(e).~~

652

653

654 ~~—(iv) Facilities shall not be located in an area where there is a potential, as determined by~~
655 ~~the administrator, for the facility to present a dust or odor problem, or public nuisance, unless the~~
656 ~~facility operating plans specifically address appropriate control of the potential problems;~~

657

658 (ve) Outdoor waste management: ~~The following standards apply only to outdoor~~
659 ~~facilities where the solid w~~Waste management activities that are not ~~being~~ conducted inside an
660 enclosed building, a tank or a container shall not be located within 1,000 feet of the following
661 unless the facility or waste management unit or area is screened from view, as approved by the
662 Administrator:

663

664 (Ai) An~~Facilities shall not be located within 1,000 feet of any~~ occupied
665 dwelling house, school or hospital;

666

667 (Bii) An~~Facilities shall not be located within 1,000 feet of any~~ interstate or
668 primary highway right-of-way, ~~unless the facility is screened from view by natural objects,~~
669 ~~plantings, fences or other appropriate means, and is authorized by the state highway commission~~
670 ~~in accord with provisions of the Junkyard Control Act, W.S. 33-19-103 et seq.~~

671

672 (Ciii) A~~Facilities shall not be located within 1,000 feet of any~~ public park or
673 recreation area ~~unless the facility is screened from view by natural objects, plantings, fences or~~
674 ~~other appropriate means;~~

675

676 ~~—(D) Distance to surface waters:~~

677

678 (I) ~~Facilities shall not be located within 1,000 feet of any perennial~~
679 ~~lake or pond which is either naturally occurring, or which contains water used for any purpose~~
680 ~~not directly related to an industrial process;~~

681

682 (H) ~~Facilities shall not be located within 300 feet of any industrial~~
683 ~~process water or storm water management pond;~~

684

685 (III) ~~Facilities shall not be located within 300 feet of any perennial~~
686 ~~river or stream.~~

687

688 (Ef) Wild and Scenic Rivers Act: Facility locations shall not diminish the scenic,
689 recreational and fish and wildlife values for any section of river designated for protection under
690 the Wild and Scenic Rivers Act, 16 U.S.C. 1271 et seq., and implementing regulations;

691
692 _____(Fg) National Historic Preservation Act: Facilities shall not be located in areas where
693 they may pose a threat to an irreplaceable historic or archeological site listed pursuant to the
694 National Historic Preservation Act, 16 U.S.C. 470 et seq. and implementing regulations, or to a
695 natural landmark designated by the National Park Service;.

696
697 _____(Gh) Critical habitat: Facilities shall not be located within a critical habitat of an
698 endangered or threatened species listed pursuant to the Endangered Species Act, 16 U.S.C. 1531
699 et seq., and implementing regulations, where the facility may cause destruction or adverse
700 modification of the critical habitat, may jeopardize the continued existence of endangered or
701 threatened species or contribute to the taking of such species;.

702
703 _____(Hi) Critical winter range: Facilities shall not be located within critical winter ranges
704 for big game or breeding grounds for grouse unless, after consultation with the Wyoming Game
705 and Fish Department, the Administrator determines that facility development would not conflict
706 with the conservation of Wyoming's wildlife resources;.

707
708 ~~_____ (I) Facilities shall not be located in wetlands as defined in Chapter 1,
709 Section 1(e).~~

710
711 ~~(vi) The following standards apply to incinerators used for management of wastes
712 generated by persons other than the owner of the incinerator:~~

713
714 ~~(A) Except upon a variance granted by the director in accord with W.S.
715 35-11-502(c), no facility greater than one (1) acre in size shall be located between 1,000 feet and
716 one (1) mile of a public school except with the written consent of the school district board of
717 trustees, or between 1,000 feet and one (1) mile of an occupied dwelling house except with the
718 written consent of the owner. Additionally, facilities of any size shall not be located within 300
719 feet of any building unless provisions have been made for protection from methane gas
720 accumulation;~~

721
722 ~~(B) Except upon a variance granted by the director in accord with W.S.
723 35-11-502(c), no facility greater than one (1) acre in size shall be located between 1,000 feet and
724 one half (1/2) mile of the center line of the right of way of a state or federal highway unless
725 screened from view as approved by the administrator. Additionally, facilities of any size shall
726 not be located within 1,000 feet of any interstate or primary highway right of way, unless the
727 facility is screened from view by natural objects, plantings, fences or other appropriate means,
728 and is authorized by the state highway commission in accord with provisions of the Junkyard
729 Control Act, W.S. 33-19-103 et seq.~~

730
731 ~~(C) Facilities shall not be located within 1,000 feet of any public park or
732 recreation area unless the facility is screened from view by natural objects, plantings, fences or
733 other appropriate means;~~

734
735 ~~(D) Facility locations shall not diminish the scenic, recreational and fish
736 and wildlife values for any section of river designated for protection under the Wild and Scenic~~

737 ~~Rivers Act, 16 U.S.C. 1271 et seq., and implementing regulations;~~

738

739 ~~(E) Facilities shall not be located in areas where they may pose a threat to~~
740 ~~an irreplaceable historic or archeological site listed pursuant to the National Historic Preservation~~
741 ~~Act, 16 U.S.C. 470 et seq. and implementing regulations, or to a natural landmark designated by~~
742 ~~the National Park Service;~~

743

744 ~~(F) Facilities shall not be located within a critical habitat of an~~
745 ~~endangered or threatened species listed pursuant to the Endangered Species Act, 16 U.S.C. 1531~~
746 ~~et seq., and implementing regulations, where the facility may cause destruction or adverse~~
747 ~~modification of the critical habitat, may jeopardize the continued existence of endangered or~~
748 ~~threatened species or contribute to the taking of such species;~~

749

750 ~~(G) Facilities shall not be located within critical winter ranges for big~~
751 ~~game or breeding grounds for grouse, unless after consultation with the Wyoming Game and~~
752 ~~Fish Department, the administrator determines that facility development would not conflict with~~
753 ~~the conservation of Wyoming's wildlife resources;~~

754

755 ~~(H) Except upon a variance granted by the director in accord with W.S.~~
756 ~~35-11-502(c), no facility greater than one (1) acre in size shall be located within one (1) mile of~~
757 ~~the boundaries of an incorporated city or town;~~

758

759 (vi) Special waste: Any facility used for the management of a special waste regulated
760 under Chapter 8, Special Waste Management Standards, shall also comply with applicable
761 location standards established under Chapter 8.

762

763 ~~(b) New low hazard and low volume transfer, treatment and storage facilities: New low~~
764 ~~hazard and low volume transfer, treatment and storage facilities, excluding mobile transfer,~~
765 ~~treatment and storage facilities, shall not be located in violation of the standards described in this~~
766 ~~section;~~

767

768 ~~(i) Facility locations shall not be in conflict with local zoning ordinances or land~~
769 ~~use plans that have been adopted by a county commission or municipality;~~

770

771 ~~(ii) Facilities shall not be located in an area where the administrator, after~~
772 ~~investigation by the applicant, finds there is a reasonable probability the solid waste management~~
773 ~~facility will have a detrimental effect on surface water or groundwater quality;~~

774

775 ~~(iii) Facilities shall not be located within the boundaries of a 100-year floodplain;~~

776

777 ~~(iv) Facilities shall not be located in an area where there is a potential, as~~
778 ~~determined by the administrator, for the facility to present a dust or odor problem, or public~~
779 ~~nuisance, unless the facility operating plans specifically address appropriate control of the~~
780 ~~potential problems;~~

781

782 ~~(v) The following standards apply only to outdoor facilities where the solid waste~~

783 ~~management activities are not being conducted inside an enclosed building, a tank or a container:~~

784

785 ~~(A) Facilities shall not be located within 1,000 feet of any occupied~~
786 ~~dwelling house, school or hospital unless the facility is screened from view by natural objects,~~
787 ~~plantings, fences or other appropriate means;~~

788

789 ~~(B) Facilities shall not be located within 1,000 feet of any interstate or~~
790 ~~primary highway right of way, unless the facility is screened from view by natural objects,~~
791 ~~plantings, fences or other appropriate means, and is authorized by the state highway commission~~
792 ~~in accord with provisions of the Junkyard Control Act, W.S. 33-19-103 et seq.;~~

793

794 ~~(C) Facilities shall not be located within 1,000 feet of any public park or~~
795 ~~recreation area unless the facility is screened from view by natural objects, plantings, fences or~~
796 ~~other appropriate means;~~

797

798 ~~(D) Distance to surface waters:~~

799

800 ~~(I) Facilities shall not be located within 1,000 feet of any perennial~~
801 ~~lake or pond which is either naturally occurring, or which contains water used for any purpose~~
802 ~~not directly related to an industrial process;~~

803

804 ~~(II) Facilities shall not be located within 300 feet of any industrial~~
805 ~~process water or storm water management pond;~~

806

807 ~~(III) Facilities shall not be located within 300 feet of any perennial~~
808 ~~river or stream.~~

809

810 ~~(E) Facilities shall not be located in wetlands as defined in Chapter 1,~~
811 ~~Section 1(e).~~

812

813 ~~(e) Mobile transfer, treatment and storage facilities: Mobile transfer, treatment and~~
814 ~~storage facilities shall not be located in violation of the standards described in this section.~~

815

816 ~~(i) Facilities shall not be located in wetlands as defined in Chapter 1, Section~~
817 ~~1(e);~~

818

819 ~~(ii) Any facility used for the management of a special waste regulated under~~
820 ~~Chapter 8, Special Waste Management Standards, shall also comply with applicable location~~
821 ~~standards established under Chapter 8.~~

822

823 Section 5. Geology, and Hydrology and Hydrogeology.

824

825 (a) Requirements for mobile and full-size fixed facilities:

826

827 ~~(Hi)~~ An evaluation of the facility's potential to impact surface and ground water
828 quality, based on the facility design and operating practices.~~the site hydrogeologic setting~~

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(b) Additional requirements for full-size fixed facilities

(Gj) Detailed information describing the site’s geology, hydrology and hydrogeology and an evaluation of the potential to impact surface and groundwater quality based on the site’s geology, hydrology and hydrogeology ~~may be required~~ shall be provided if ~~the~~ waste management occurs outside an enclosed building.;

Section 46. Design and Construction Standards.

~~(a) Transfer, treatment and storage facilities: All transfer, treatment and storage facilities shall be designed and constructed in compliance with the standards listed in this section.~~

(ia) Waste management units: ~~A description of~~ The size, type and number and purpose of all solid waste management units and equipment shall be described. This information shall also include a description of the capacity of the solid waste management units and equipment in terms of how much waste can be transferred and treated per hour, day, month or year and the maximum quantity of wastes, both treated and untreated, that can be stored in each solid waste management unit.;

(ib) Fences and gates: Other than mobile facilities, ~~E~~each facility shall be fenced and equipped with a gate ~~which~~that can be locked ~~to discourage the public, livestock or wildlife from entering if hazardous constituents or conditions are present.~~ Facilities do not need to be fenced and equipped with a gate ~~which~~that can be locked if the facility is located in a remote or industrial area ~~which~~that already has adequate access control features in place to meet the intent of this standard. Appropriate measures shall be used to restrict access to mobile treatment facilities.;

(ic) Access signs: Each point of access shall be identified by a sign ~~which~~that shall be easily readable, maintained in good condition, and contain, at a minimum, the following information:

(Ai) The facility name.;

(Bii) The name and phone number of the responsible person to contact in the event of emergencies.;

(Eiii) The hours of operation if the facility is open to the public.;

(Div) Depending on the particular waste type, additional information describing the particular hazards of the waste may also be required.

(iid) Traffic signs: Each facility shall have signs to direct traffic to the proper waste management area, if the facility is open to the public.;

875 (ive) Waste management unit signs: ~~As approved by the administrator, s~~ Solid waste
876 management units and equipment used to manage treated or untreated waste shall be identified
877 by a sign or label ~~which~~that shall be easily readable, maintained in good condition and identify
878 the name of the solid waste management unit or equipment and the waste type contained in the
879 solid waste management unit;.

881 (vf) Access roads: Facility access roads shall be constructed to enable use under
882 inclement weather conditions; as applicable.

883
884 (vfg) Fire lanes and buffer zones: For those facilities where any waste management
885 occurs outdoors, the facility shall have a fire lane/buffer zone constructed around all active solid
886 waste management units and equipment or within the site perimeter fence. The width of the fire
887 lane/buffer zone shall be a minimum of ~~ten (10)~~twenty (20) feet, but may be wider depending on
888 the specific waste type and the ability of fire fighting equipment to properly operate within the
889 facility;.

891 ~~———— (vii) For those facilities where any waste management occurs outdoors, the facility shall
892 have a buffer zone around the solid waste management units and equipment or within the site
893 perimeter fence. The width of the buffer shall be a minimum of ten (10) feet, but may be wider
894 depending on the specific waste type and the ability of monitoring equipment to be properly
895 constructed and operated within the facility;~~

897 (viih) Surface water structures: For those facilities where any waste management
898 occurs outdoors, the facility shall have surface water structures to control surface water run-on
899 and run-off. Surface water structures shall be designed and constructed to~~as follows:~~

901 (Ai) At fixed facilities, prevent flow onto the active portion of the facility
902 during the peak discharge from a 25-year storm~~Temporary structures anticipated to be used for~~
903 ~~periods less than five (5) years shall accommodate a 25-year, 24-hour precipitation event;~~

905 (Bii) At fixed facilities, collect and control runoff from the active portion of the
906 facility from at least the water volume from a 24-hour, 25 year storm~~Permanent structures and~~
907 ~~temporary structures anticipated to be used for five (5) years or longer shall accommodate a~~
908 ~~100-year, 24-hour precipitation event;~~

910 (iii) At mobile facilities, control run-on and runoff from the active portion of
911 the facility.

913 (Civ) At all facilities, sSediment control structures shall be designed and
914 constructed in accordance with Chapter 11 of the Water Quality Rules and Regulations.

916 (ixi) Waste containment: ~~All solid waste management u~~Units shall be designed and
917 constructed to contain the wastes within the unit and prevent the migration of contaminants.
918 Solid waste management units ~~which~~that manage liquid waste shall also meet the following
919 standards:

921 (A~~i~~) Above ground tanks and containers shall be equipped with low-
922 permeability secondary containment systems ~~which~~that provide a secondary means of
923 containment for the entire capacity of the largest single container and sufficient freeboard to
924 contain precipitation~~are capable of containing 110% of the volume of the largest tank or~~
925 ~~container within the unit;~~

926
927 (B~~ii~~) Below ground tanks or containers shall be designed and constructed with
928 leak detection systems;

929
930 (C~~iii~~) Ponds shall be designed and constructed in accordance with Chapter 11 of
931 the Water Quality Rules and Regulations.

932
933 (D~~iv~~) Open-topped tanks, containers and ponds ~~which~~that contain wastes
934 whichthat are either petroleum-based or have a pH less than 3 or greater than 10 shall be
935 designed and constructed with netting ~~which~~that is adequate to prevent access by migratory
936 birds.

937
938 ~~(x) Any facility used for the management of a special waste regulated under Chapter 8,~~
939 ~~Special Waste Management Standards, shall also comply with applicable design and construction~~
940 ~~standards established under Chapter 8.~~

941
942 ~~(b) Low hazard and low volume transfer, treatment and storage facilities: All low hazard~~
943 ~~and low volume transfer, treatment and storage facilities, excluding mobile transfer, treatment~~
944 ~~and storage facilities, shall be designed and constructed in compliance with the standards listed~~
945 ~~in this section.~~

946
947 ~~(i) Each point of access shall be identified by a sign which shall be easily~~
948 ~~readable, maintained in good condition, and contain, at a minimum, the following information:~~

949
950 ~~(A) The facility name;~~

951
952 ~~(B) The name and phone number of the responsible person to contact in~~
953 ~~the event of emergencies;~~

954
955 ~~(C) The hours of operation if the facility is open to the public;~~

956
957 ~~(D) Depending on the particular waste type, additional information~~
958 ~~describing the particular hazards of the waste may also be required.~~

959
960 ~~(ii) As approved by the administrator, all solid waste management units and~~
961 ~~equipment used to manage treated or untreated waste shall be identified by a sign or label which~~
962 ~~shall be easily readable, maintained in good condition and identify the name of the solid waste~~
963 ~~management unit or equipment and the waste type contained in the solid waste management unit;~~

964
965 ~~(iii) For those facilities where any waste management occurs outdoors, the~~
966 ~~facility shall have a fire lane constructed around all active solid waste management units and~~

967 ~~equipment or within the site perimeter fence. The width of the fire lane shall be a minimum of~~
968 ~~ten (10) feet, but may be wider depending on the specific waste type and the ability of~~
969 ~~firefighting equipment to properly operate within the facility;~~

970
971 ~~(iv) All solid waste management units shall be designed and constructed to~~
972 ~~contain the wastes within the unit and prevent the migration of contaminants. Solid waste~~
973 ~~management units which manage liquid waste shall also meet the following standards:~~

974
975 ~~(A) Above ground tanks and containers shall be equipped with low-~~
976 ~~permeability secondary containment systems which are capable of containing 110% of the~~
977 ~~volume of the largest tank or container within the unit.~~

978
979 ~~(B) Below ground tanks or containers shall be designed and constructed~~
980 ~~with leak detection systems;~~

981
982 ~~(C) Ponds shall be designed and constructed in accordance with Chapter~~
983 ~~11 of the Water Quality Rules and Regulations.~~

984
985 ~~(e) Mobile transfer, treatment and storage facilities: All mobile transfer, treatment and~~
986 ~~storage facilities, shall be designed and constructed in compliance with the standards listed in~~
987 ~~this section.~~

988
989 ~~(i) Each facility shall be fenced and equipped with a gate which can be locked to~~
990 ~~discourage the public, livestock or wildlife from entering if hazardous constituents or conditions~~
991 ~~are present. Facilities do not need to be fenced and equipped with a gate which can be locked if~~
992 ~~the facility is located in a remote or industrial area which already has adequate access control~~
993 ~~features in place to meet the intent of this standard;~~

994
995 ~~(ii) Each point of access shall be identified by a sign which shall be easily~~
996 ~~readable, maintained in good condition, and contain, at a minimum, the following information:~~

997
998 ~~(A) The facility name;~~

999
1000 ~~(B) The name and phone number of the responsible person to contact in~~
1001 ~~the event of emergencies;~~

1002
1003 ~~(C) The hours of operation if the facility is open to the public;~~

1004
1005 ~~(D) Depending on the particular waste type, additional information~~
1006 ~~describing the particular hazards of the waste may also be required.~~

1007
1008 ~~(iii) For those facilities where any waste management occurs outdoors, the~~
1009 ~~facility shall have a fire lane constructed around the solid waste management units and~~
1010 ~~equipment or within the site perimeter fence. The width of the fire lane shall be a minimum of~~
1011 ~~ten (10) feet, but may be wider depending on the specific waste type and the ability of~~
1012 ~~firefighting equipment to properly operate within the facility;~~

1013
1014 ~~(iv) For those facilities where any waste management occurs outdoors, the~~
1015 ~~facility shall have surface water structures to control surface water run-on and run-off;~~
1016

1017 ~~(v) All solid waste management units shall be designed and constructed to~~
1018 ~~contain the wastes within the unit and prevent the migration of contaminants. Solid waste~~
1019 ~~management units which manage liquid waste shall be equipped with secondary containment~~
1020 ~~systems which are capable of containing 100% of the volume of the largest tank or container~~
1021 ~~within the unit and have a minimum of one (1) foot of freeboard;~~
1022

1023 ~~(vi) Any facility used for the management of a special waste regulated under~~
1024 ~~Chapter 8, Special Waste Management Standards, shall also comply with applicable design and~~
1025 ~~construction standards established under Chapter 8.~~
1026

1027 **Section 57. Operating Standards.**
1028

1029 ~~(a) Transfer, treatment and storage facilities: All transfer, treatment and storage facilities~~
1030 ~~shall be operated in accordance with the standards described in this section.~~
1031

1032 ~~(i) Each facility shall be managed by a qualified solid waste manager. In the~~
1033 ~~event that a qualified solid waste manager terminates employment for any reason, a new solid~~
1034 ~~waste manager shall be designated within three (3) months of such termination. For any facility~~
1035 ~~which is constructed, operated and monitored in compliance, the solid waste manager's~~
1036 ~~qualifications shall be presumed to be adequate. For any facility which is not being constructed,~~
1037 ~~operated, or monitored in compliance, the solid waste manager may be required to complete~~
1038 ~~additional training and/or demonstrate his or her qualifications by written or oral examination. A~~
1039 ~~qualified solid waste manager shall:~~
1040

1041 ~~(A) Possess a complete working knowledge of the facility construction,~~
1042 ~~operating and monitoring procedures, as specified in the permit application and the permit letter~~
1043 ~~issued by the director;~~
1044

1045 ~~(B) Attend the classroom or field training program described in the~~
1046 ~~approved permit application;~~
1047

1048 ~~(C) Attend any training course sponsored by the administrator, which the~~
1049 ~~administrator requires to provide training on changes to state or federal solid waste rules or~~
1050 ~~guidelines. For any such mandatory training course, the administrator shall provide each~~
1051 ~~operator with a minimum of ninety (90) days notice prior to the scheduled training course;~~
1052

1053 ~~(D) Comply with the requirements of this subsection:~~
1054

1055 ~~(I) No later than six (6) months following assumption of~~
1056 ~~responsibility for operating a facility, for a new solid waste manager; or~~
1057

1058 ~~(II) No later than six (6) months following the date the facility is~~

1059 ~~permitted under this chapter, for an existing solid waste manager;~~

1060

1061

1062 (ii)a) Access controls: Access shall be controlled to prevent the public, livestock or
1063 wildlife from being exposed to hazardous constituents or conditions. Access does not need to be
1064 controlled if the facility is located in a remote or industrial area ~~which~~that already has adequate
1065 access control features in place to meet the intent of this standard~~;~~.

1066

1067 (ii)b) Waste types and quantities: Each facility shall accept and manage only those
1068 wastes and quantities ~~which~~that are specified in the facility permit, unless the ~~a~~A administrator
1069 provides specific written authorization to accept and manage other wastes and quantities.

1070

1071 (c) Waste screening: ~~Waste screening measures shall be A description of the waste~~
1072 ~~screening measures~~ used to prevent the management of unauthorized wastes. The waste
1073 screening measures may include specific waste testing procedures to verify that only authorized
1074 wastes are accepted at the facility~~;~~.

1075

1076 (iv)d) Hazardous waste: Hazardous waste shall not be managed unless the
1077 ~~a~~A administrator provides specific written authorization~~;~~.

1078

1079 (v)e) Waste confined: All wastes shall be confined to solid waste management units
1080 and equipment as specified in the permit~~;~~.

1081

1082 (vi)f) Surface water and groundwater contact: Waste shall not contact surface water or
1083 groundwater.

1084 ~~Surface water run-on shall not be allowed to enter waste management areas;~~

1085

1086 ~~——(vi) Wastes shall not be placed in contact with groundwater;——~~

1087

1088 (viii)g) Fire protection: All facilities shall be equipped with at least one working portable
1089 fire extinguisher and a communication system for contacting local emergency management
1090 agencies. Depending on the particular waste type or management method, additional fire
1091 protection and emergency management equipment may be required~~;~~.

1092

1093 (ix)h) Litter collection: Each facility shall have an effective litter collection program to
1094 contain litter within the facility and to prevent the facility from becoming unsightly, if the facility
1095 manages wastes ~~which~~that are susceptible to blowing~~;~~.

1096

1097 (x)i) Disease vectors: Onsite populations of disease vectors shall be prevented or
1098 controlled using techniques appropriate for the protection of human health and the environment~~;~~.

1099

1100 (xi)j) Dust and odors: Adequate measures shall be taken to minimize dust and odors~~;~~.

1101

1102 (xii)k) Scavenging: Scavenging shall be prohibited at all facilities~~;~~.

1103

1104 (xiii)l) Mechanical breakdown: In the event of extended mechanical breakdown, all

1105 untreated wastes shall be removed from the facility to an approved alternate facility before the
1106 wastes create a public nuisance, health hazard, fire hazard, odors or vector habitat;

1107
1108 (xiv) Waste and wastewater: All wastes and wastewaters generated from any
1109 waste management processes shall be characterized and managed by the operator in accordance
1110 with applicable ~~d~~Department standards unless the facility is mobile and the facility operator will
1111 not be responsible for managing waste;

1112 ~~(xv) All wastewaters generated from cleaning solid waste management units and equipment~~
1113 ~~shall be characterized and managed in accordance with applicable department standards;~~

1114
1115 (n) Confirmation sampling: ~~A description of the e~~Confirmation sampling and
1116 analysis shall be conducted by the operator ~~program used~~ to verify that ~~the~~ wastes have been
1117 properly treated unless the facility is mobile and the facility operator will not be responsible for
1118 managing the waste;

1119
1120 (xvi) Water Quality and Air Quality standards: Facilities shall be operated so that they
1121 are not in violation of ~~the~~ Water Quality and Air Quality ~~S~~standards;

1122
1123 ~~(xvii) Facilities shall be operated so that they are not in violation of the Air Quality~~
1124 ~~Standards;~~

1125
1126 ~~(xviii) The following records shall be maintained at the facility or an approved~~
1127 ~~alternative location and available for inspection and copying as specified by Chapter 1, Section~~
1128 ~~1(g):~~

1129
1130 (A) ~~A copy of the approved permit application;~~

1131
1132 (B) ~~A copy of the department permit letter;~~

1133
1134 (C) ~~Records of training and examinations completed by the solid waste~~
1135 ~~manager;~~

1136
1137 (D) ~~Records of litter collection activities, including dates and areas of~~
1138 ~~litter collection;~~

1139
1140 (E) ~~Records of the source, volume and characteristics of wastes received~~
1141 ~~by the facility;~~

1142
1143 (F) ~~Records of the destination, volume and characteristics of wastes~~
1144 ~~removed from the facility;~~

1145
1146 (G) ~~Records of monitoring activities and copies of monitoring data;~~

1147
1148 (H) ~~Records of any problems causing operations to cease, including but~~
1149 ~~not limited to fire or equipment failure;~~

1150

1151 ~~(xix) Any facility used for the management of a special waste regulated under~~
1152 ~~Chapter 8, Special Waste Management Standards, shall also comply with the applicable~~
1153 ~~operating standards established under Chapter 8;~~

1154
1155 ~~(b) Low hazard and low volume transfer, treatment and storage facilities: All low hazard~~
1156 ~~and low volume transfer, treatment and storage facilities, excluding mobile transfer, treatment~~
1157 ~~and storage facilities, shall be operated in accordance with the standards described in this section.~~

1158
1159 ~~(i) Each facility shall accept and manage only those wastes and quantities which~~
1160 ~~are specified in the facility permit, unless the administrator provides specific written~~
1161 ~~authorization to accept and manage other wastes and quantities;~~

1162
1163 ~~(ii) Hazardous waste shall not be managed unless the administrator provides~~
1164 ~~specific written authorization;~~

1165
1166 ~~(iii) All wastes shall be confined to solid waste management units and equipment~~
1167 ~~as specified in the permit;~~

1168
1169 ~~(iv) All facilities shall be equipped with at least one working portable fire~~
1170 ~~extinguisher and a communication system for contacting local emergency management agencies.~~
1171 ~~Depending on the particular waste type or management method, additional fire protection and~~
1172 ~~emergency management equipment may be required;~~

1173
1174 ~~(v) Each facility shall have an effective litter collection program to contain litter~~
1175 ~~within the facility and to prevent the facility from becoming unsightly, if the facility manages~~
1176 ~~wastes which are susceptible to blowing;~~

1177
1178 ~~(vi) Adequate measures shall be taken to minimize dust and odors;~~

1179
1180 ~~(vii) The following records shall be maintained at the facility or an approved~~
1181 ~~alternative location and available for inspection and copying as specified by Chapter 1, Section~~
1182 ~~1(g):~~

1183
1184 ~~(A) A copy of the approved permit application;~~

1185
1186 ~~(B) A copy of the department permit letter;~~

1187
1188 ~~(c) Mobile transfer, treatment and storage facilities: All mobile transfer, treatment and~~
1189 ~~storage facilities shall be operated in accordance with the standards described in this section.~~

1190
1191 ~~(i) Each facility shall be managed by a qualified solid waste manager. In the~~
1192 ~~event that a qualified solid waste manager terminates employment for any reason, a new solid~~
1193 ~~waste manager shall be designated within three (3) months of such termination. For any facility~~
1194 ~~which is constructed, operated and monitored in compliance, the solid waste manager's~~
1195 ~~qualifications shall be presumed to be adequate. For any facility which is not being constructed,~~
1196 ~~operated, or monitored in compliance, the solid waste manager may be required to complete~~

1197 ~~additional training and/or demonstrate his or her qualifications by written or oral examination. A~~
1198 ~~qualified solid waste manager shall:~~

1199
1200 ~~(A) Possess a complete working knowledge of the facility construction,~~
1201 ~~operating and monitoring procedures, as specified in the permit application and the permit letter~~
1202 ~~issued by the director;~~

1203
1204 ~~(B) Attend the classroom or field training program described in the~~
1205 ~~approved permit application;~~

1206
1207 ~~(C) Attend any training course sponsored by the administrator, which the~~
1208 ~~administrator requires to provide training on changes to state or federal solid waste rules or~~
1209 ~~guidelines. For any such mandatory training course, the administrator shall provide each~~
1210 ~~operator with a minimum of ninety (90) days' notice prior to the scheduled training course;~~

1211
1212 ~~(D) Comply with the requirements of this subsection:~~

1213
1214 ~~(I) No later than six months following assumption of~~
1215 ~~responsibility for operating a facility, for a new solid waste manager; or~~

1216
1217 ~~(II) No later than six months following the date the facility is~~
1218 ~~permitted under this chapter, for an existing solid waste manager;~~

1219
1220 ~~(ii) Access shall be controlled to prevent the public, livestock or wildlife from~~
1221 ~~being exposed to hazardous constituents or conditions. Access does not need to be controlled if~~
1222 ~~the facility is located in a remote or industrial area which already has adequate access control~~
1223 ~~features in place to meet the intent of this standard;~~

1224
1225 ~~(iii) Each facility shall accept and manage only those wastes and quantities which~~
1226 ~~are specified in the facility permit, unless the administrator provides specific written~~
1227 ~~authorization to accept and manage other wastes and quantities;~~

1228
1229 ~~(iv) Hazardous waste shall not be managed unless the administrator provides~~
1230 ~~specific written authorization;~~

1231
1232 ~~(v) All wastes shall be confined to solid waste management units and equipment~~
1233 ~~as specified in the permit;~~

1234
1235 ~~(vi) Surface water run-on shall not be allowed to enter waste management areas;~~

1236
1237 ~~(vii) Wastes shall not be placed in contact with groundwater; ———~~

1238
1239 ~~(viii) All facilities shall be equipped with at least one working portable fire~~
1240 ~~extinguisher and a communication system for contacting local emergency management agencies.~~
1241 ~~Depending on the particular waste type or management method, additional fire protection and~~
1242 ~~emergency management equipment may be required;~~

1243
1244 ~~(ix) Each facility shall have an effective litter collection program to contain litter~~
1245 ~~within the facility and to prevent the facility from becoming unsightly, if the facility manages~~
1246 ~~wastes which are susceptible to blowing;~~
1247
1248 ~~(x) Onsite populations of disease vectors shall be prevented or controlled using~~
1249 ~~techniques appropriate for the protection of human health and the environment;~~
1250
1251 ~~(xi) Adequate measures shall be taken to minimize dust and odors;~~
1252
1253 ~~(xii) Scavenging shall be prohibited at all facilities;~~
1254
1255 ~~(xiii) In the event of extended mechanical breakdown, all untreated wastes shall~~
1256 ~~be removed from the facility to an approved alternate facility before the wastes create a public~~
1257 ~~nuisance, health hazard, fire hazard, odors or vector habitat;~~
1258
1259 ~~(xiv) All wastes generated from any waste management processes shall be~~
1260 ~~characterized and managed in accordance with applicable department standards;~~
1261
1262 ~~(xv) All wastewaters generated from cleaning solid waste management units and~~
1263 ~~equipment shall be characterized and managed in accordance with applicable department~~
1264 ~~standards;~~
1265
1266 ~~(xvi) Facilities shall be operated so that they are not in violation of the Water~~
1267 ~~Quality Standards;~~
1268
1269 ~~(xvii) Facilities shall be operated so that they are not in violation of the Air~~
1270 ~~Quality Standards;~~
1271
1272 ~~(xviii) The following records shall be provided to the administrator prior to~~
1273 ~~mobilization, on a form provided by the administrator. Copies of these records shall be~~
1274 ~~maintained at the facility or an approved alternative location and available for inspection and~~
1275 ~~copying as specified by Chapter 1, Section 1(g):~~
1276
1277 ~~(A) The name, address and telephone number of the generator at each~~
1278 ~~location at which the facility will operate;~~
1279
1280 ~~(B) The location or street address of each location at which the facility~~
1281 ~~will operate;~~
1282
1283 ~~(C) Records demonstrating that each location at which the facility will~~
1284 ~~operate meets the location standards specified in Section 3 of this chapter;~~
1285
1286 ~~(D) Estimated dates of mobilization to and demobilization from each~~
1287 ~~location at which the facility will operate;~~
1288

1289 ~~(E) Records of the source, volume and characteristics of wastes which~~
1290 ~~will be managed by the facility.~~

1291
1292 ~~(xix) The following records shall be maintained at the facility or an approved~~
1293 ~~alternative location and available for inspection and copying as specified by Chapter 1, Section~~
1294 ~~1(g):~~

1295 ~~(A) A copy of the approved permit application;~~

1296 ~~(B) A copy of the department permit letter;~~

1297
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1299
1300 ~~(C) Records of training and examinations completed by the solid waste~~
1301 ~~manager;~~

1302
1303 ~~(D) Records of litter collection activities, including dates and areas of~~
1304 ~~litter collection, if the facility manages wastes which are susceptible to blowing;~~

1305
1306 ~~(E) Records of the volume, characteristics and destination (if known) of~~
1307 ~~wastes removed from the facility;~~

1308
1309 ~~(F) Records of any problems causing operations to cease, including but~~
1310 ~~not limited to fire or equipment failure.~~

1311
1312 ~~(xx) Any facility used for the management of a special waste regulated under~~
1313 ~~Chapter 8, Special Waste Management Standards, shall also comply with the applicable~~
1314 ~~operating standards established under Chapter 8;~~

1315
1316 ~~(xxi) Facilities shall not be operated in a single location for more than one (1)~~
1317 ~~year, unless the administrator provides specific written authorization;~~

1318
1319 ~~(xxii) At the completion of each mobile transfer, treatment and storage facility~~
1320 ~~operation at a specific location, all waste management units and equipment shall be properly~~
1321 ~~cleaned, decontaminated, dismantled and removed from the site.~~

1322
1323 **Section 68. Monitoring Standards.**

1324
1325 (a) General standards: All facilities required to institute monitoring shall meet the
1326 standards described in this section. ~~(K) The application shall include A~~a detailed description of
1327 the environmental monitoring program including a description of the monitoring well location,
1328 design, construction and development. A description of the groundwater sampling program shall
1329 be provided including sampling frequency, test parameters, sampling procedures, test methods
1330 and quality control

1331
1332 (b) Collection and management of samples: Groundwater, soil, and decomposition
1333 gas samples shall be collected and managed in accordance with ~~d~~D department guidance or
1334 equivalent methods approved by the ~~a~~A administrator.

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(c) Groundwater:

(i) Well placement: All facilities required to install monitoring wells shall ~~place-locate and construct~~ them in accordance with the ~~d~~Department's requirements. ~~Following initial placement of the wells, the operator shall confirm that the wells are capable of measuring groundwater quality that is representative of conditions hydraulically upgradient and downgradient of the solid waste disposal facility.~~ The system must be capable of monitoring the quality of background groundwater and groundwater passing the relevant point of compliance established by the Administrator that shall be within 150 meters (492 feet) of the waste management unit boundary on land owned by the owner of the facility. ~~Well locations must be approved by the Administrator.~~

(ii) Well design, construction/installation and abandonment: All wells shall be designed, constructed and installed in accordance with the Water Quality Division Chapter ~~11~~ 26 requirements. All abandoned monitoring wells shall be plugged and sealed in accordance with the Water Quality Division Chapter ~~11~~ 26 requirements;

~~(iii) Permits required: Prior to well installation, the monitoring well design, construction and location specifications shall be approved by the administrator. A construction permit under Chapter 3 of the Water Quality Division rules and regulations is not required. All monitoring wells shall be permitted by the Wyoming State Engineer's Office;~~

~~(iv) Analyses:~~

~~(A) Baseline monitoring: The initial samples acquired in a monitoring program shall be analyzed for pH, Total Dissolved Solids (TDS), Chemical Oxygen Demand (COD), Total Organic Carbon (TOC), Ammonia as N, Nitrate as N, Bicarbonate, Carbonate, Chloride, Fluoride, Calcium, Magnesium, Potassium, Sodium, Sulfate, Copper, Iron, Manganese, Nickel, Zinc, Arsenic, Barium, Cadmium, Chromium, Cyanide, Lead, Mercury, Selenium, and Silver. Water temperature, specific conductance, pH, and static water level measurements shall also be taken in the field during each monitoring event. The length of this initial monitoring period shall not exceed one (1) year; samples acquired during this period shall be taken at least quarterly;(B) Detection monitoring: Following the initial baseline monitoring period, the administrator may specify a reduced set of sampling parameters to be analyzed at least semi-annually. The reduced set of parameters shall include, at a minimum: Total Dissolved Solids (TDS), Chlorides, Ammonia (as N), Iron, Hardness, and Total Organic Carbon (TOC). Water temperature, specific conductance, pH, and static water level measurements shall also be taken in the field during each monitoring event;~~

~~(C) Assessment monitoring: Should groundwater monitoring data indicate that the facility is impacting groundwater quality, additional wells, a revised set of sampling parameters and revised sampling schedule may be required by the administrator to define the nature and extent of contamination;~~

~~(D) The administrator may specify alternative or additional water quality~~

~~parameters for analyses, including organic chemical constituents, based on its review of the wastes likely to be disposed at any specific solid waste disposal facility.~~

(iii) Detection monitoring: Operators required to monitor groundwater shall institute a detection monitoring program by initially collecting four (4) quarterly samples from each well and testing each sample for the constituents specified in Chapter 2, Appendix C unless alternate or additional constituents are required by the Administrator based on wastes managed at the facility. After collection of the initial four (4) samples, semiannual samples shall be collected unless the Administrator approves an alternate sampling frequency.

(A) The owner or operator must determine whether or not there is a statistically significant increase over background values as follows:

(I) The owner or operator must compare the groundwater quality of each parameter or constituent at each monitoring well using the approved statistical method; and

(II) Within thirty (30) days after completing sampling and analysis, unless an alternate time frame is approved by the Administrator, the owner or operator must determine whether there has been a statistically significant increase over background at each monitoring well.

(B) If there is a statistically significant increase over background for one or more constituents in any well the operator must:

(I) Notify the Administrator in a written report with supporting documentation and place a copy of the report in the facility operating record within fourteen (14) days.

(II) The owner or operator may be required by the Administrator to initiate an assessment monitoring program unless within ninety (90) days or an alternate time frame approved by the Administrator, the owner or operator demonstrates to the Administrator in writing that the statistically significant increase over background is not due to the solid waste facility or unit, but that the difference is due to another source of pollution, error in sampling, analysis or statistical evaluation, or natural variation in groundwater quality. The owner or operator shall prepare a report documenting this demonstration, and following approval by the Administrator, place the report in the operating record for the facility. If the demonstration is approved, the owner or operator shall continue detection monitoring.

(III) If a successful demonstration is not made:

(1.) The owner or operator shall request that the Administrator classify groundwater according to Wyoming Water Quality Rules and Regulations and establish groundwater protection standards for applicable constituents.

(iv) Assessment monitoring:

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(A) If the concentration of one or more constituents exceeds background, the Administrator may require the operator to analyze groundwater samples for some or all of the constituents found in Chapter 2, Appendix A or B based on the wastes managed at the facility. Some or all of these constituents may be added to the detection and/or assessment monitoring program for the facility.

(B) After groundwater protection standards have been established, within thirty (30) days after completing sampling and analysis, unless an alternate time frame is approved by the Administrator, the owner or operator shall determine if there has been a statistically significant increase over a groundwater protection standard in each downgradient well specified by the Administrator using a statistical method approved by the Administrator.

(C) If one or more constituents are detected at statistically significant levels above the groundwater protection standard at a relevant point of compliance established by the Administrator that is no more than 150 meters (492 feet) from the waste management unit boundary on land owned by the owner of the facility, the owner or operator shall within fourteen (14) days notify the Administrator of the constituents detected above the groundwater protection standard in a written report with supporting documentation.

(D) Unless the owner or operator demonstrates that the statistically significant increase was caused by another source, resulted from an error in sampling, analysis, or statistical evaluation, or from natural variation in groundwater quality, the Administrator may require the owner or operator to characterize the nature and extent of the release, conduct an assessment of corrective measures, and institute corrective action remedies approved by the Administrator.

(v) Facilities required to monitor groundwater shall conduct statistical evaluations of groundwater data using the methods in Chapter 2, Section 9(b)(i)(C)(V) through (VII).

~~(v) Corrective actions: Whenever there is a release of contamination which adversely impacts groundwater quality, the operator shall institute corrective actions approved by the administrator;~~

~~(vi) If designated by the administrator, operators of facilities which have three (3) or more groundwater wells designated for monitoring potential impacts from the facility may be required to submit groundwater monitoring data on magnetic media or electronically transmitted files in the computer spreadsheet format which is specified by the administrator. Alternatively, these operators may submit hard copies of these data in tabular format which is approved by the administrator in order to facilitate electronic scanning by the department.~~

(d) Air: Air monitoring, if required, shall be conducted in accordance with Air Quality Division regulations.

(e) Soil core: Soil core monitoring, if required, shall be conducted in accordance

1473 with a plan approved by the ~~a~~Administrator.

1474

1475 (f) Vadose zone: Vadose zone monitoring, if required, shall be conducted in
1476 accordance ance with a plan approved by the ~~a~~Administrator.

1477

1478 ~~(f) Interpretation and statistical analysis of monitoring data: On an annual basis the~~
1479 ~~operator shall supply the administrator with copies of all required environmental monitoring data~~
1480 ~~and an interpretation of the data. The administrator may require the operator to present~~
1481 ~~monitoring data in a graphical format (charts and/or maps), in addition to tabular format. Any~~
1482 ~~statistical analysis of monitoring data shall be done in accord with methods approved by the~~
1483 ~~administrator.~~

1484 Section 9. Recordkeeping Standards. (xviii)

1485

1486 (a) General standards: The following records shall be maintained at the facility or an
1487 approved alternative location and available for inspection and copying as specified by Chapter 1;
1488 ~~Section 1(g):~~

1489

1490 (b) Records for all facilities:

1491

1492 ~~(A~~i) A copy of the approved permit application~~;~~

1493

1494 ~~(B~~ii) A copy of the ~~d~~Department permit letter~~;~~

1495

1496 ~~(C) Records of training and examinations completed by the solid waste manager;~~

1497

1498 (c) Records for mobile and full-size fixed facilities:

1499

1500 ~~(D~~i) Records of litter collection activities, including dates and areas of litter
1501 collection, if applicable~~;~~

1502

1503 ~~(E~~ii) Records of the source (if not a mobile facility), volume and characteristics
1504 of wastes received by the facility~~;~~

1505

1506 ~~(F~~iii) Records of the destination (if known), volume and characteristics of
1507 wastes removed from the facility~~;~~

1508

1509 ~~(G~~iv) Records of monitoring activities and copies of monitoring data, if
1510 applicable~~;~~

1511

1512 ~~(H~~v) Records of any problems causing operations to cease and emergencies,
1513 including but not limited to fire or equipment failure~~;~~

1514

1515 Section 10. Reporting Standards.

1516

1517 (a) Reporting standards for mobile facilities: The following records shall be provided
1518 to the ~~a~~Administrator prior to mobilization, on a form provided by the ~~a~~Administrator. Copies of

1519 these records shall be maintained at the facility or an approved alternative location and available
1520 for inspection and copying as specified by Chapter 1:

1521
1522 _____(A*i*) The name, address and telephone number of the generator at each location
1523 ~~at which~~where the facility will operate~~;~~.

1524
1525 _____(B*ii*) The location or street address of each location ~~at which~~where the facility
1526 will operate~~;~~.

1527
1528 _____(C*iii*) Records demonstrating that each location ~~at which~~where the facility will
1529 operate meets the location standards specified in Section 3 of this chapter~~;~~.

1530
1531 _____(D*iv*) Estimated dates of mobilization to and demobilization from each location
1532 ~~at which~~where the facility will operate~~;~~.

1533
1534 _____(E*v*) Records of the source, volume and characteristics of wastes ~~which~~that will
1535 be managed by the facility.

1536
1537 (b) General reporting requirements for all facilities: Operators shall submit a report
1538 or permit amendment to the Administrator under the following circumstances:

1539
1540 _____(i) Fires and other emergencies: The operator shall report fires and other
1541 emergencies to the Administrator as soon as reasonably possible.

1542
1543 _____(ii) Monitoring: If monitoring is required, following each sampling event,
1544 operators shall provide the Administrator with copies of all required environmental monitoring
1545 data and statistical evaluations within thirty (30) days after completion of sampling and analysis
1546 unless the Administrator approves a reporting delay for good cause. Operators may be required
1547 to submit supporting charts and maps representing the data in the monitoring reports ~~with~~
1548 ~~supporting charts and/or maps that represent the data.~~ Monitoring data shall be submitted
1549 electronically in a format specified by the Administrator.

1550
1551 _____(iii) General facility changes: A permit amendment application shall be
1552 submitted for approval prior to implementing any change that would result in non-compliance
1553 with the facility permit or the approved permit application. ~~If financial assurance is required, the~~
1554 ~~operator shall submit a permit amendment application to the Administrator prior to implementing~~
1555 ~~any change affecting the amount of financial assurance.~~ Permit amendments shall comply with
1556 ~~follow~~ the requirements of Chapter 1 of the Solid Waste Rules and Regulations.

1557
1558 _____(iv) Additional Information: The ~~Other circumstances specified by the~~ Administrator
1559 may require reporting of additional information needed to demonstrate compliance with these
1560 rules and regulations.

1561
1562
1563 Section 711. Closure Standards.
1564

1565 (a) General standards: ~~(A) The application shall include A~~ a detailed description of the
1566 tasks to be completed in order to properly close the facility, including but not limited to the
1567 removal and proper management of the maximum amount of wastes, both treated and untreated,
1568 ~~which that~~ may be stored at the facility, cleaning of all solid waste management units and
1569 equipment, and reclamation of the site. ~~(a) Transfer, treatment and storage facilities: All transfer,~~
1570 ~~treatment and storage facilities shall be closed in accordance with the standards described in this~~
1571 ~~section, as well as the requirements of Chapter 1, Section 2(g).~~ Facilities shall meet the following
1572 standards:

1573
1574 (i**b**) Commencement and completion of closure:

1575
1576 (i) Fixed facilities: ~~c~~ Closure activities as specified in
1577 the approved facility permit application, shall commence at a time no later than nine (9) months
1578 following the time the facility ceases to receive solid wastes. Closure shall be promptly
1579 completed within twelve (12) months following commencement of such closure activities unless
1580 the ~~a~~ Administrator approves an extended closure period for good cause. ~~;~~

1581
1582 ~~(xii)~~ Mobile facilities: At the completion of each mobile transfer, treatment
1583 and storage facility operation at a specific location, all waste management units and equipment
1584 shall be properly cleaned, decontaminated, dismantled and removed from the site.

1585
1586 ~~—— (ii) If the facility is open to the public, the operator shall arrange for notice of closure to~~
1587 ~~be published in an area newspaper as well as posted at all facility access points;~~

1588
1589 (i**ic**) Removal of waste: All remaining treated and untreated wastes shall be removed
1590 from the facility and transported to a permitted facility for treatment, storage, or disposal. No
1591 wastes shall be allowed to remain at the facility for a period longer than thirty (30) days after
1592 closure has commenced. ~~;~~

1593
1594 (i**vd**) Equipment decontamination: All solid waste management units and equipment
1595 shall be properly cleaned, decontaminated, dismantled and removed from the facility. ~~;~~

1596
1597 (e) Access restrictions: Perimeter fences, gates and any other access restrictions shall
1598 be maintained until the facility has been satisfactorily closed, as determined by the
1599 ~~a~~ Administrator. ~~(V) The application shall state the~~ length of time that the closed facility will
1600 maintain access restrictions to prevent entry by the public and large animals. ~~;~~

1601
1602 (i**vf**) Surface water structures: Surface water structures shall be maintained until the
1603 facility has been satisfactorily closed, as determined by the ~~a~~ Administrator. ~~;~~

1604
1605 (i**vg**) Monitoring systems: Environmental monitoring systems, if required, shall be
1606 maintained until the facility has been satisfactorily closed, as determined by the ~~a~~ Administrator,
1607 at which time they shall be properly abandoned. Applications shall include A detailed
1608 ~~description of the environmental monitoring program during closure and a description of the~~
1609 method and schedule by which the environmental monitoring systems will be abandoned. ~~;~~

1610

1611 ~~(viii)~~ Post-closure use: Each facility shall be returned to the use specified in the permit,
1612 unless an alternative use is approved by the ~~a~~Administrator;

1613
1614 ~~(Vi)~~ Other information: The application shall include ~~A~~any other information
1615 requested by the administrator to verify that an adequate closure has been accomplished.

1616
1617 ~~(b) Low hazard and low volume transfer, treatment and storage facilities: All low hazard~~
1618 ~~and low volume transfer, treatment and storage facilities, excluding mobile transfer, treatment~~
1619 ~~and storage facilities, shall be closed in accordance with the standards described in this section,~~
1620 ~~as well as the requirements of Chapter 1, Section 2(g);~~

1621
1622 ~~(i) Closure activities as specified in the approved facility permit application, shall~~
1623 ~~commence at a time no later than nine (9) months following the time the facility ceases to~~
1624 ~~receive solid wastes. Closure shall be promptly completed within twelve (12) months following~~
1625 ~~commencement of such closure activities unless the administrator approves an extended closure~~
1626 ~~period for good cause;~~

1627
1628 ~~(ii) All remaining treated and untreated wastes shall be removed from the facility~~
1629 ~~transported to a permitted facility for treatment, storage, or disposal. No wastes shall be allowed~~
1630 ~~to remain at the facility for a period longer than thirty (30) days after closure has commenced;~~

1631
1632 ~~(iii) All solid waste management units and equipment shall be properly cleaned,~~
1633 ~~decontaminated, dismantled and removed from the facility.~~

1634
1635 ~~(e) Reserved.~~

1636 1637 Section 12. Financial Assurance Standards.

1638
1639 (a) General standards: Except for mobile and municipally operated facilities, all
1640 facilities shall comply with the financial assurance requirements of Chapter 7.

1641
1642 (b) Third-party costs: ~~(viii)~~The application shall include information to verify
1643 compliance with Chapter 7, Financial Assurance, including an estimate of the 3rd-~~third~~-party
1644 costs associated with ~~the~~ facility closure tasks and an appropriate financial assurance mechanism.

1645 1646 Section 13. Corrective Action Standards.

1647
1648 (a) Schedule: On a schedule approved by the Administrator, the operator must:

1649
1650 (i) Implement a remedy approved by the Administrator.

1651
1652 (ii) Continue monitoring to demonstrate the effectiveness of the remedy.

1653
1654 (iii) Take interim measures determined necessary by the Administrator to
1655 ensure protection of public health and the environment.

1657 (b) Alternate remedies: If the selected remedy is not meeting the corrective action
1658 standards, the owner or operator shall implement other methods or techniques that have been
1659 approved by the Administrator that could practicably achieve compliance with the requirements,
1660 unless there is no practicable alternative and the owner or operator:

1661
1662 (i) Demonstrates to the satisfaction of the Administrator that the remedy
1663 cannot be achieved.

1664
1665 (ii) Implements alternative measures that have been approved by the
1666 Administrator to control exposure of humans or the environment to residual contamination, as
1667 necessary to protect human health and the environment.

1668
1669 (iii) Implements alternate measures for control of the sources of contamination
1670 or for removal or decontamination of equipment, units, devices, or structures, that are consistent
1671 with the overall objective of the remedy and that are technically practicable.

1672
1673 (c) Remedy completion:

1674
1675 (i) Remedies shall be considered complete when:

1676
1677 (A) The owner or operator complies with groundwater protection
1678 standards at all points within the plume of contamination that lie beyond the relevant point of
1679 compliance established by the Administrator. Compliance with the groundwater protection
1680 standards shall be considered complete when concentrations of constituents have not exceeded
1681 the groundwater protection standard(s) for a period of three (3) consecutive years using approved
1682 statistical procedures.

1683
1684 (B) All actions required to complete the remedy have been satisfied.

1685
1686 (ii) When the operator believes the remedy is complete, the operator must:

1687
1688 (A) Notify the Administrator in writing, with supporting
1689 documentation, and place a copy of the notice in the facility operating record certifying that the
1690 remedy has been completed.

1691
1692 (B) Petition the Administrator to be released from the financial
1693 assurance requirements for corrective action under Chapter 7 of these rules and regulations.

1694
1695 (C) When, upon completion of the certification, the Administrator
1696 determines that the corrective action remedy has been completed, the owner or operator shall be
1697 released from the requirements of financial assurance for corrective action.

1698
1699 **Section 14. Special Waste Standards.**

1700
1701 (a) Special waste standards: ~~(ix)~~ The application shall include information
1702 describing compliance with standards for the transfer, treatment, and storage of any special waste

1703 as provided in Chapter 8, ~~Special Waste Management Standards~~.

1704

1705 **Section 15. Commercial Solid Waste Facility Standards.**

1706

1707 (a) Commercial solid waste facility standards: The permit application shall
1708 demonstrate compliance with the requirements of Chapter 10 and W.S. 35-11-514.

1709

1710 **Section 16. Additional Information.**

1711

1712 (a) Additional information: The Administrator may require additional information
1713 needed to demonstrate compliance with these rules and regulations.

1714

1715 **Section 17. Supporting Documentation/Appendices.**

1716

1717 (a) Supporting materials: At a minimum, appendices shall include the information in
1718 this section.

1719

1720 (i**v**) Map or aerial photograph: For fixed facilities, ~~A~~an original USGS topographic
1721 map or aerial photograph of the area shall be submitted showing land ownership, land use and
1722 zoning within one-half mile of the facility, unless there is an incinerator at the waste
1723 management site, in which case the map or aerial photograph shall show land ownership, land
1724 use and zoning within one mile of the facility. The map or photograph shall be of sufficient
1725 scale to show all city boundaries, occupied dwellings, schools, hospitals, industrial buildings,
1726 water wells, water courses, roads and other applicable details and shall indicate the general
1727 topography;

1728

1729 (c) General facility plot plan: For fixed facilities, ~~a~~A general facility plot plan at a
1730 scale ~~not greater than 200 feet to the inch with five foot contour intervals~~ approved by the
1731 Administrator; shall be submitted. If all waste management activities occur within a single
1732 building, a scaled floor plan can be used in lieu of a general facility plot plan. The general
1733 facility plot plan shall illustrate the following features:

1734

1735 (Ai) Facility boundaries, including any buffer zones and fire lanes proposed
1736 between the solid waste permit boundary and the property boundary;

1737

1738 (Bii) Points of access;

1739

1740 (Ciii) Working area/perimeter fence location;

1741

1742 (Div) Location of all solid waste management units and equipment;

1743

1744 (Ev) Locations of any buildings to house equipment or for other uses;

1745

1746 _____

1747 (Fvi) The location of any surface water structures;

1748

1749 _____ (Gvii) The location of environmental monitoring devices;.

1750

1751 _____ (Hviii) Any other facility features requested by the administrator.

1752

1753 (vid) Cross sections and drawing details: Cross sections and drawing details may be

1754 requested with sufficient specifications to describe:

1755

1756 _____ (Ai) The movement of wastes through the waste management facility,

1757 including the points ~~at which~~ where process wastes are generated;.

1758

1759 _____ (Bii) Site access roads;.

1760

1761 _____ (Ciii) Solid waste management units and equipment;.

1762

1763 _____ (Div) Secondary containment structures and leak detection systems;.

1764

1765 _____ (Ev) Surface water structures;.

1766

1767 _____ (Fvi) Environmental monitoring systems;.

1768

1769 _____ (Gvii) Any other design and construction details requested by the administrator.

1770

1771 (vii) Logs, forms, and reports: Blank copies of any logs, forms, ~~or~~ and reports used by

1772 the facility to comply with ~~the~~ recordkeeping requirements ~~of Section 5 of this chapter~~, including

1773 a description of where these records will be located.

1774

1775