By Ceann Ingram &
Belinda Chisholm

Sewer System Contingency Plan
2019

What is a contingency Plan?

- A pre-thought out blueprint for the ‘What if’
- Critical information compiled for rapid response
- Initial identification of service providers

Elk Meadows Lot Map

Sewer System Eligible Lots

Lots connected

2019 – 39 Lots connected
13 part time
26 full time

Worksheet to determine # of units needed in the event this plan is used

Season: Peak – June-August Off Peak – September-May

If possible; determine the number of full time residents:_____

Determine the number of part time residents in residence:_____

Total porta-potty units needed:_____

January 2019 Table of Lots on Sewer system:

Full time: 202 203 207 208 209 218 219 222 231 401 404 409 410 411 414 418 421 422 428 430 433 434 438 444 503 504

Part time: 25 201 213 221 227 230 402 408 412 425 427 442 506

Delivery Addresses by Lot #:

25- Aspen Dr.
201- Aspen Dr.
202- San Juan Lane
203- Aspen Dr.
207- Aspen Dr.
208- San Juan Lane
209- Aspen Dr.
213- Aspen Dr.
218- Aspen Glow Lane
219- Aspen Dr.
221- Aspen Glow Lane
222- Aspen Glow Lane
227- Aspen Dr.
230- Aspen Dr.
231- Valley View Road
401- Aspen Dr.
402- Aspen Dr.
404- Aspen Dr.
408- Aspen Dr.
409- Aspen Dr.
410- Aspen Dr.
411- Aspen Dr.
412- Aspen Dr.
414- Aspen Dr.
418- Alpine Lane
421- Aspen Dr.
422- Alpine Lane
425- Aspen Dr.
427- Aspen Dr.
428- Alpine Lane
430- Aspen Dr.
433- Aspen Dr.
434- Aspen Dr.
438- Shady Lane
442- Aspen Dr.
444- Aspen Dr.
503- Spruce Lane
504- Spruce Lane
506- Spruce Lane

House numbers deleted for demonstration purposes

$$- hypothetical costs based on today's quotes

Peak Season 1 week	Peak Season 2 weeks	Peak Season 1 month
$2535.00 (39 units)	$5070.00	$4290.00
+ 80.00 (delivery)	+ 80.00	+ 80.00
$2615.00	$5150.00	$4370.00

Off Peak 1 week	Off Peak 2 weeks	Off Peak 1 month
$1690.00 (26 units)	$3380.00	$2860.00
+ 240.00 (delivery)	+ 240.00	+ 240.00 (3 deliveries of 8 units each)
$1930.00	$3620.00	$3100.00

Water Contingency Plan

By Belinda Chisholm and
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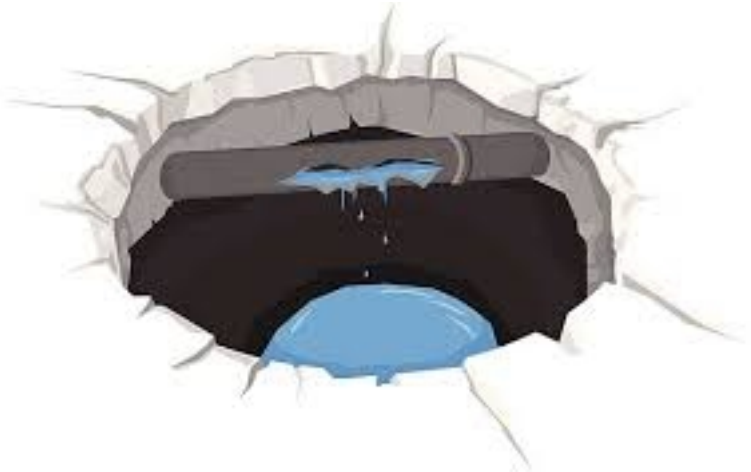
2 Scenarios

1. Failure is below tank(s) and water stored in tanks is usable
2. Failure of tank(s) and water must be trucked in



- January 2019 Elk Meadows has 98 homes connected to water
- Ready.gov a preparedness website recommends in an emergency 1 gallon/person/day for drinking and hygiene

- EM Plan = 10 gallons/house/day = 70 gallons week/house
- Need 1000/day under rationing

Plan A- tank(s) are fine!

- 2 water tanks storing potable water
  - 1 above ground 75,000 gallons = ~ 10 day supply
  - 1 buried 12,000 gallons = ~ 1 day supply

  - If pipes from tank to water house are undamaged- use gravity to reverse flow from the above ground tank to the spigots at the water house.
  - Owners provide containers-up to 10 gallons/day and fill from spigots
  - If pipes are damaged- Use drain valve 20 yards from above ground tank and fill from there.
  - Bucket and rope dipping into buried tank from its top lid.

Plan B- tank(s) are damaged- no water!

- EM would truck water into the community

  Water stored in temporary tank- need to source and deliver

  Owners provide containers up to 10 gallons/day

$$-Hypothetical Costs based on todays quotes

- Max # of Residences needing water = ~1000 gallons/day
  - ~ 98 possible
- Delivery quotes of 3100-3500 gallon delivery with a starting cost of $1000/delivery

- = about $2000+/week until repairs/replacements are completed