



REGULAR COUNCIL MEETING

Wednesday, June 21, 2023 at 6:30 pm

MEETING LOCATION: 520 N. Commercial Ave

(Council Chambers)

Council Meeting will be broadcast on Facebook Live

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1. CALL TO ORDER / ROLL CALL / PLEDGE OF ALLEGIANCE

Mayor Bryan Chapman opened the Council Meeting at _____(time).

The Mayor led the Pledge of Allegiance.

Council Members present

Kramer Siemens_____

Kirby Stucky_____

Monty Leonard_____

Dan Hartman_____

Brenda DeHaven_____

Others present _____

2. APPROVAL OF AGENDA

Sample Motion:

Motion to approve the agenda as presented.

Motion by _____

Second by _____

3. HEARINGS/PRESENTATIONS/PUBLIC FORUM

a. Ethan Reimer, Halstead City Manager - EMS Service

4. STAFF REPORTS

a. Kyle Nordick, City Administrator

b. Brad Jantz, City Attorney

5. CONSENT AGENDA

Sample Motion:

Motion to approve the consent agenda as presented.

Motion by _____

Second by _____

a. Minutes of June 7, 2023, Regular Meeting

Attachments:

- **June 7, 2023 Minutes of Regular Council Meeting** (regular-council-meeting_minutes_2023-06-07_194426.pdf)

b. Approval of Payroll June 9, 2023 amount \$22,345.16

c. Approval of General Disbursement Checks amount \$81,559.19

General Disbursement Check Reports

Attachments:

- **General Disbursement Checks** (CHECKS.pdf)

6. NEW BUSINESS

a. Detention Dam Inspection Report

Sample Motion:

Motion to receive and file the Detention Dam Inspection Report.

Motion by _____

Second by _____

Attachments:

- **Detention Dam Inspection Report** (Sedgwick_Earthen_Dam_2023_DSIR.pdf)

7. GOVERNING BODY COMMENTS

8. ADJOURN

Motion to adjourn the Regular Council meeting at _____ PM.

Second by _____

Contact: Shelia Agee (agee@cityofsedgwick.org 316-772-5151) | Agenda published on 06/16/2023 at 3:49 PM



DRAFT

REGULAR COUNCIL MEETING

Minutes

Wednesday, June 7, 2023 at 6:30 pm

MEETING LOCATION: 520 N. Commercial Ave

(Council Chambers)

Council Meeting will be broadcast on Facebook Live

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1. CALL TO ORDER / ROLL CALL / PLEDGE OF ALLEGIANCE

Minutes:

Mayor Bryan Chapman opened the Council Meeting at 6:30 pm. The Mayor led the Pledge of Allegiance.

Council Members present **Kramer Siemens, Kirby Stucky, Monty Leonard, Dan Hartman, Brenda DeHaven**

Also in attendance **Kyle Nordick, City Administrator; Brad Jantz, City Attorney; Shelia Agee, City Clerk; Bill Bush, Harvey County Independent; Bruce Johnson, John Pittinger, Randy Busby, Busby Ford and Reimer**

2. APPROVAL OF AGENDA

Minutes:

Moved by **Council Member Monty Leonard** to approve agenda as presented

Second by **Council Member Dan Hartman**

Vote results:

Ayes: 5 / Nays: 0

3. HEARINGS/PRESENTATIONS/PUBLIC FORUM

Minutes:

Bruce Johnson came before Council to thank them for the street work that has been done.

4. STAFF REPORTS

a. Kyle Nordick, City Administrator

Minutes:

Kyle Nordick, City Administrator, presented the following updates to Council: Ideatek community meeting at The Meeting House, June 13th, 8am Summer Concert Series in Pocket Park, August Moonlight Market, June 23, 7pm to 9 pm Awarded the KDOT cost

share program, 20% match.

b. Brad Jantz, City Attorney

Minutes:

Brad Jantz, City Attorney updated Council on Industrial Park cleanup phase 1 completed last week. KDHE preliminary reviewed for phase 1. Final will be next week. Phase 2 out for bid.

c. Lee Nygaard, Chief of Police

Minutes:

Lee Nygaard, Police Chief reported to Council on taser training, Blanding DUI investigation, intoxication; Veronica will attend part time academy in July, Police Department lobby almost done. New police Durango has been delivered.

5. CONSENT AGENDA

Minutes:

Moved by **Council Member Monty Leonard** to approve the consent agenda as presented.

Second by **Council Member Kramer Siemens**

Vote results:

Ayes: 5 / Nays: 0

a. Minutes of May 17, 2023, Regular Meeting

b. Minutes of May 23, 2023, Special Meeting

c. Approval of Payroll May 26, 2023 amount \$19,623.89

d. Approval of General Disbursement Checks amount \$251,340.68

General Disbursement Check Reports

e. Approval of Downtown Revitalization Grant \$5,000

6. NEW BUSINESS

a. Consider presentation of 2022 financial audit (BFR CPA, LLC)

Minutes:

Moved by **Council Member Dan Hartman** to receive and file the 2022 financial audit.

Second by **Council Member Monty Leonard**

Vote results:

Ayes: 5 / Nays: 0

b. Discuss and consider placing a sales tax referendum on the November 7, 2023 election ballot

Minutes:

Council Member Monty Leonard moved to approve Resolution#060723, a resolution authorizing and providing for the calling of a special question election in the City of Sedgwick, Kansas, for the purpose of submitting to the electors of the City the question of imposing a one-half of one percent (0.5%) citywide retailers' sales tax; and providing for the giving of notice of said election with amended verbage.

Second by **Council Member Dan Hartman**

Vote results:

Ayes: 5 / Nays: 0

c. Approval of Utility Clerk, Paige Jones, as signee

Minutes:

Motion by **Council Member Monty Leonard** to approve Utility Clerk, Paige Jones, as signee for Accounts Payable checks, bank account xxxx94 in the absence of the City Clerk.

Second by **Council Member Dan Hartman**

Vote results:

Ayes: 5 / Nays: 0

7. EXECUTIVE SESSION

Minutes:

Council Member Monty Leonard moved to recess into an executive session pursuant to the exemption related to personnel matters of nonelected personnel (K.S.A. 75-4319(b)(1)). The open meeting would resume at 7:20 p.m. with those present in the executive session being, Governing Body and City Administrator.

Second by **Council Member Kirby Stucky**

No action was taken in Executive Session.

Vote results:

Ayes: 5 / Nays: 0

8. GOVERNING BODY COMMENTS

9. ADJOURN

Minutes:

Moved by **Council Member Dan Hartman** to adjourn the Regular Council meeting at 7:22 PM.

Second by **Council Member Kramer Siemens**

Vote results:

Ayes: 5 / Nays: 0

June 21, 2023

PAYROLL CHECKS - DIRECT DEPOSIT

6/9/2023

\$ 22,345.16

TOTAL PAYROLL CHECKS

\$ 22,345.16

GENERAL DISBURSEMENT CHECKS-AAABSK

\$ 71,398.52

GENERAL DISBURSEMENT CHECKS-AAABSL

\$ 10,160.67

TOTAL DISBURSEMENT CHECKS

\$ 81,559.19

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| Vendor | Description | Check Date | Invoice# | Check# | Check Total |
|--------------------------------|----------------------|------------|-------------------|--------|-------------|
| 360 DOCUMENT SOLUTIONS | COPY OVERAGE | 06/16/2023 | IN67833 | 69698 | \$322.39 |
| 7M EXCAVATING | AB3 STREETS | 06/16/2023 | 202224 | 69699 | \$875.25 |
| AGRI ENVIRONMENTAL SERVICES | SLUDGE HAUL | 06/16/2023 | 1741 | 69700 | \$780.00 |
| AMERICAN FUN FOOD | POOL CONCESSIONS | 06/16/2023 | 2035396-0 | 69701 | \$64.25 |
| B & B LUMBER | PD/COURT DESK | 06/16/2023 | 2306-088337 | 69702 | \$836.58 |
| JOSHUA BLANDING | TRNG MEAL-BLANDING | 06/16/2023 | 061623JB | 69703 | \$10.13 |
| CHAMPLIN TIRE RECYCLING, INC | PARK TABLES/BENCHES | 06/16/2023 | 153171 | 69704 | \$4,144.00 |
| RANSON FINANCIAL GROUP LLC | CONTINUING DISCLOSUR | 06/16/2023 | 1408 | 69705 | \$750.00 |
| CORE & MAIN | WATER METER PARTS | 06/16/2023 | S961195 | 69706 | \$1,302.04 |
| CULLIGAN OF WICHITA | DRINKING WATER | 06/16/2023 | 691675 | 69707 | \$11.25 |
| FAMILY HEALTH AMERICA, LC | HRA ADMIN FEES | 06/16/2023 | 061623HRA | 69708 | \$100.00 |
| FLOCK SAFETY | FLOCK CAMERAS/INSTAL | 06/16/2023 | INV-7721 INV-7730 | 69709 | \$3,000.00 |
| CITY OF HALSTEAD | HALSTEAD EMS SVC | 06/16/2023 | 061623EMS | 69710 | \$10,000.00 |
| INTRUST BANK | MISC CHARGES | 06/16/2023 | 061623INTRUST | 69711 | \$1,966.34 |
| JCI INDUSTRIES | LIFT STATION REPAIRS | 06/16/2023 | 8253080 | 69712 | \$995.00 |
| JOY WILLIAMS | JUDGE SERVICES | 06/16/2023 | 061623JOY | 69713 | \$500.00 |
| J'S EXPERT AUTOMOTIVE SERVICE | PD TIRES | 06/16/2023 | 11752 | 69714 | \$981.00 |
| CHERRYROAD MEDIA | GRADUATION AD | 06/16/2023 | 89843 | 69715 | \$140.00 |
| CHAD KOEHN | REIMB BOND PAYMENT | 06/16/2023 | 061623CK | 69716 | \$500.00 |
| M & M REPAIR, INC | SUPPLY HOSES/PVC | 06/16/2023 | 64499 | 69717 | \$47.94 |
| NYGAARD, LEE | PD TRNG TASER CLASS | 06/16/2023 | 061623LN | 69718 | \$100.00 |
| PRIDE AG RESOURCES | MISC CHARGES | 06/16/2023 | 106316/3 | 69719 | \$501.95 |
| PAYMENT SERVICES NETWORK, INC. | PSN SERVICE FEES | 06/16/2023 | 278052 | 69720 | \$542.05 |
| QUILL | OFFICE SUPPLIES | 06/16/2023 | 32672219 | 69721 | \$140.85 |
| SAM'S CLUB | MISC CHARGES | 06/16/2023 | 061623SAMS | 69722 | \$1,916.76 |
| SDK LABORATORIES | SEWER LAB ANALYSIS | 06/16/2023 | 1782.23 | 69723 | \$263.00 |
| SENTRY SIREN | DAMAGED BRIDGE LIGHT | 06/16/2023 | 32636 | 69724 | \$5,148.52 |
| SEDGWICK SHARKS | SWIM TEAM REIMB | 06/16/2023 | 061623SWIMTEAM | 69725 | \$200.00 |
| SHERWIN WILLIAMS | STAIN/COATING | 06/16/2023 | 2348-7 | 69726 | \$30.28 |
| SOUTH CENTRAL SEALING & PAVING | CONCRETE REPAIR | 06/16/2023 | 39504-07 39525-27 | 69727 | \$22,132.00 |
| STATE OF KANSAS | FIN STATE FILING FEE | 06/16/2023 | 061623FILINGFEE | 69728 | \$175.00 |

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| Vendor | Description | Check Date | Invoice# | Check# | Check Total |
|--------------------------------|----------------------|------------|--------------|--------|-------------|
| WCCIT | IT SERVICE | 06/16/2023 | TSP_770 | 69729 | \$652.00 |
| ABRA THIEME | CROCKPOT BAGS-POOL | 06/16/2023 | 061623AT | 69730 | \$19.95 |
| UNDERGROUND VAULTS & STORAGE | FILE RETENTION STORA | 06/16/2023 | 534255 | 69731 | \$19.05 |
| VERIZON WIRELESS | PD MDT SERVICE | 06/16/2023 | 9935645718 | 69732 | \$284.06 |
| WASTE CONNECTIONS | MONTH LY TRASH/RECYC | 06/16/2023 | 17275427V025 | 69733 | \$6,932.64 |
| WHOLESALE WATER SUPPLY DISTRIK | 4-11-23 TO 5-18-23 | 06/16/2023 | INV01257 | 69734 | \$4,223.45 |
| WILBUR-ELLIS COMPANY | WEED/GRASS KILLER | 06/16/2023 | 15717697 | 69735 | \$390.79 |
| GARRETT WILLERT | CONCERT SERIES SINGE | 06/16/2023 | 061623GW | 69736 | \$200.00 |
| JAKE WINGFIELD | MOONLIGHT MKT SINGER | 06/16/2023 | 061623JW | 69737 | \$200.00 |

| | |
|----------------------------------|--------------------|
| Total Direct Expense: | \$71,398.52 |
| Total Immediate Payments: | \$71,398.52 |

Report Summary

| | | |
|---------------------|----------------------------------|------------|
| | Report Selection Criteria | |
| Report Type: | Detailed | |
| | Start | End |
| Transaction Number: | Start | End |

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| Tr. # | Vendor | Inv Date | Due Date | Invoice # | Total Invoice |
|-------|---|--------------------------------------|-----------------|-------------------|----------------|
| Line | GL Expense Account | Desc/Inv Stock/Alloc/Cost Code | Quantity Bought | Cost Per Unit | Line Extension |
| 2 | 360 DOCUMENT SOLUTIONS / 360 DOCUMENT SOLUTIC | 6/16/2023 | 6/16/2023 | IN67833 | \$322.39 |
| 1 | 01-01-70-7010 | COPY OVERAGE | 0.2 | \$322.3900 | \$64.48 |
| 2 | 01-03-70-7010 | COPY OVERAGE | 0.2 | \$322.3900 | \$64.48 |
| 3 | 01-05-70-7010 | COPY OVERAGE | 0.2 | \$322.3900 | \$64.48 |
| 4 | 10-00-70-7010 | COPY OVERAGE | 0.2 | \$322.3900 | \$64.48 |
| 5 | 13-00-70-7010 | COPY OVERAGE | 0.2 | \$322.3500 | \$64.47 |
| 20 | 7M / 7M EXCAVATING | 6/16/2023 | 6/16/2023 | 202224 | \$875.25 |
| 1 | 01-10-70-7230 | AB3 STREETS-6-5-23 | 1.0 | \$875.2500 | \$875.25 |
| 22 | AGRI ENVIRONMENTAL / AGRI ENVIRONMENTAL SERV | 6/16/2023 | 6/16/2023 | 1741 | \$780.00 |
| 1 | 13-00-60-6160 | 6-6-23 SLUDGE HAUL 19500 GAL | 19,500.0 | \$0.0400 | \$780.00 |
| 33 | AMERICAN FUN FOOD / AMERICAN FUN FOOD | 6/16/2023 | 6/16/2023 | 2035396-0 | \$64.25 |
| 1 | 01-06-70-7240 | POOL CONCESSIONS | 1.0 | \$64.2500 | \$64.25 |
| 34 | B & B LUMBER / B & B LUMBER | 6/16/2023 | 6/16/2023 | 2306-088337 | \$836.58 |
| 1 | 01-03-70-7410 | PD/COURT DESK | 0.5 | \$836.5800 | \$418.29 |
| 2 | 01-05-70-7410 | PD/COURT DESK | 0.5 | \$836.5800 | \$418.29 |
| 39 | BLANDING / JOSHUA BLANDING | 6/16/2023 | 6/16/2023 | 061623JB | \$10.13 |
| 1 | 01-03-60-6720 | FUZZY'S TACO SHOP-TRNG MEAL BLANDING | 1.0 | \$10.1300 | \$10.13 |
| 16 | CHAMPLIN / CHAMPLIN TIRE RECYCLING, INC | 6/16/2023 | 6/16/2023 | 153171 | \$4,144.00 |
| 1 | 09-00-70-7420 | PARK TABLES/BENCHES | 1.0 | \$4,144.0000 | \$4,144.00 |
| 11 | CITYCODE / RANSON FINANCIAL GROUP LLC | 6/16/2023 | 6/16/2023 | 1408 | \$750.00 |
| 1 | 01-01-60-6200 | CONTINUING DISCLOSURE-EMMA REPORT | 1.0 | \$750.0000 | \$750.00 |
| 8 | CORE & MAIN / CORE & MAIN | 6/16/2023 | 6/16/2023 | S961195 | \$1,302.04 |
| 1 | 10-00-70-7130 | WATER METER PARTS-TILE, RING, LIDS | 1.0 | \$1,302.0400 | \$1,302.04 |
| 24 | CULLIGAN / CULLIGAN OF WICHITA | 6/16/2023 | 6/16/2023 | 691675 | \$11.25 |
| 1 | 01-01-60-6290 | ALLOCATE CULLIGAN DRINKING WATER | 0.0 | \$11.2500 | \$0.00 |
| 2 | 01-01-60-6290 | DRINKING WATER-ADMIN | 1.0 | \$4.5000 | \$4.50 |
| 3 | 01-03-60-6290 | DRINKING WATER-PD | 1.0 | \$3.3800 | \$3.38 |
| 4 | 13-00-60-6290 | DRINKING WATER-SEWER | 1.0 | \$3.3700 | \$3.37 |
| 6 | FAMILY HEALTH / FAMILY HEALTH AMERICA, LC | 6/16/2023 | 6/16/2023 | 061623HRA | \$100.00 |
| 1 | 03-00-60-6290 | HRA ADMIN SERVICES FEE | 1.0 | \$100.0000 | \$100.00 |
| 3 | FLOCK SAFETY / FLOCK SAFETY | 6/16/2023 | 6/16/2023 | INV-7721 INV-7730 | \$3,000.00 |
| 1 | 01-03-60-6290 | FLOCK CAMERAS/INSTALL | 1.0 | \$3,000.0000 | \$3,000.00 |

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|-------|-------------------------------------|--|-----------------|---------------|----------------|-------------|
| Line | GL Expense Account | Desc/Inv Stock/Alloc/Cost Code | Quantity Bought | Cost Per Unit | Line Extension | |
| 40 | HALSTEAD / CITY OF HALSTEAD | | 6/16/2023 | 6/16/2023 | 061623EMS | \$10,000.00 |
| 1 | 01-02-60-6290 | HALSTEAD EMS SERVICE | 1.0 | \$10,000.0000 | \$10,000.00 | |
| 17 | INTRUST / INTRUST BANK | | 6/16/2023 | 6/16/2023 | 061623INTRUST | \$1,966.34 |
| 1 | 01-01-70-7100 | GREENER PASTURES-DOWNTOWN PLANTS | 1.0 | \$15.7500 | \$15.75 | |
| 2 | 36-00-00-8210 | KS.GOV-ALCOHOL LICENSE FOR MKT | 1.0 | \$25.6300 | \$25.63 | |
| 3 | 01-03-60-6290 | ONLINE PD JOB AD | 1.0 | \$22.0000 | \$22.00 | |
| 4 | 36-00-00-8210 | AAA PORTABLE SERVICES-PORTAPOTTIES FOR MKT | 1.0 | \$241.5000 | \$241.50 | |
| 5 | 01-01-60-6200 | ADOBE ACROBAT PRO | 0.3 | \$186.9200 | \$46.73 | |
| 6 | 01-03-60-6200 | ADOBE ACROBAT PRO | 0.3 | \$186.9200 | \$46.73 | |
| 7 | 10-00-60-6200 | ADOBE ACROBAT PRO | 0.3 | \$186.9200 | \$46.73 | |
| 8 | 13-00-60-6200 | ADOBE ACROBAT PRO | 0.3 | \$186.9200 | \$46.73 | |
| 9 | 01-10-70-7100 | GREENER PASTURES-DOWNTOWN FLOWERS | 1.0 | \$131.6800 | \$131.68 | |
| 10 | 01-01-60-6700 | ICMA MEMBERSHIP-KYLE | 1.0 | \$389.6000 | \$389.60 | |
| 11 | 01-10-70-7420 | HARBOR FREIGHT-MAINT POWERWASHER | 0.3 | \$171.9900 | \$43.00 | |
| 12 | 01-11-70-7420 | HARBOR FREIGHT-MAINT POWERWASHER | 0.3 | \$171.9900 | \$43.00 | |
| 13 | 10-00-70-7420 | HARBOR FREIGHT-MAINT POWERWASHER | 0.3 | \$171.9900 | \$43.00 | |
| 14 | 13-00-70-7420 | HARBOR FREIGHT-MAINT POWERWASHER | 0.3 | \$171.9900 | \$43.00 | |
| 15 | 10-00-70-7020 | USPS WATER SAMPLE POSTAGE | 1.0 | \$5.5500 | \$5.55 | |
| 16 | 10-00-70-7020 | USPS WATER SAMPLE POSTAGE | 1.0 | \$5.5500 | \$5.55 | |
| 17 | 36-00-00-8210 | LEEKER'S-MKT FUNDRAISING DINNER | 1.0 | \$61.3500 | \$61.35 | |
| 18 | 01-06-60-6110 | CROSSROADS-POOL DIVING BD SANDBLAST/PAINT | 1.0 | \$18.2000 | \$18.20 | |
| 19 | 01-06-70-7110 | AMAZON-POOL SHOWER PART | 1.0 | \$205.5500 | \$205.55 | |
| 20 | 01-03-70-7410 | AMAZON-PD CHAIRS | 1.0 | \$445.5200 | \$445.52 | |
| 21 | 01-04-70-7010 | AMAZON-ICE BAGS | 0.3 | \$39.5800 | \$13.06 | |
| 22 | 01-11-70-7010 | AMAZON-ICE BAGS | 0.3 | \$39.5800 | \$13.06 | |
| 23 | 01-06-70-7010 | AMAZON-ICE BAGS | 0.3 | \$39.4800 | \$13.42 | |
| 37 | JCI / JCI INDUSTRIES | | 6/16/2023 | 6/16/2023 | 8253080 | \$995.00 |
| 1 | 13-00-60-6110 | LIFT STATION REPAIRS | 1.0 | \$995.0000 | \$995.00 | |
| 41 | JOY / JOY WILLIAMS | | 6/16/2023 | 6/16/2023 | 061623JOY | \$500.00 |
| 1 | 01-05-60-6300 | JUDGE SERVICES-JOY | 1.0 | \$500.0000 | \$500.00 | |
| 18 | J'S / J'S EXPERT AUTOMOTIVE SERVICE | | 6/16/2023 | 6/16/2023 | 11752 | \$981.00 |
| 1 | 01-03-70-7120 | PD TIRES | 1.0 | \$981.0000 | \$981.00 | |
| 32 | KANSAN / CHERRYROAD MEDIA | | 6/16/2023 | 6/16/2023 | 89843 | \$140.00 |
| 1 | 01-01-60-6290 | GRADUATION AD | 1.0 | \$140.0000 | \$140.00 | |

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| Tr. # | Vendor | Inv Date | Due Date | Invoice # | Total Invoice |
|-------|--|-----------|-----------|------------------|---------------|
| 42 | KOEHN / CHAD KOEHN | 6/16/2023 | 6/16/2023 | 061623CK | \$500.00 |
| 1 | 01-00-00-4305 REIMB BOND PAYMENT | | | 1.0 \$500.0000 | \$500.00 |
| 9 | M & M REPAIR / M & M REPAIR, INC | 6/16/2023 | 6/16/2023 | 64499 | \$47.94 |
| 1 | 01-06-70-7110 SUPPLY HOSES/PVC-POOL | | | 1.0 \$47.9400 | \$47.94 |
| 28 | NYGAARD / NYGAARD, LEE | 6/16/2023 | 6/16/2023 | 061623LN | \$100.00 |
| 1 | 01-03-60-6710 PD TRNG TASER CLASS | | | 1.0 \$100.0000 | \$100.00 |
| 1 | PRIDE AG / PRIDE AG RESOURCES | 6/16/2023 | 6/16/2023 | 106316/3 | \$501.95 |
| 1 | 13-00-70-7110 WWTP CONNECTING LINK | | | 1.0 \$8.9800 | \$8.98 |
| 2 | 01-06-70-7100 POOL-FREEZLESS WALL HYDRANT | | | 1.0 \$49.9900 | \$49.99 |
| 3 | 01-11-70-7110 TOOL LITHIUM BATTERIES | | | 1.0 \$179.0000 | \$179.00 |
| 4 | 01-10-70-7100 WATERING TANK PARTS-WATER FLOWERS | | | 1.0 \$263.9800 | \$263.98 |
| 35 | PSN / PAYMENT SERVICES NETWORK, INC. | 6/16/2023 | 6/16/2023 | 278052 | \$542.05 |
| 1 | 10-00-60-6210 PSN SERVICE FEES | | | 0.5 \$542.0400 | \$271.02 |
| 2 | 12-00-60-6210 PSN SERVICE FEES | | | 0.1 \$542.0500 | \$54.21 |
| 3 | 13-00-60-6210 PSN SERVICE FEES | | | 0.4 \$542.0500 | \$216.82 |
| 13 | QUILL / QUILL | 6/16/2023 | 6/16/2023 | 32672219 | \$140.85 |
| 1 | 01-01-70-7010 POOL TIMECARDS, STAPLE REMOVER, LAM POUCHES, CASHB | | | 0.5 \$140.8500 | \$70.43 |
| 2 | 01-03-70-7010 POOL TIMECARDS, STAPLE REMOVER, LAM POUCHES, CASHB | | | 0.1 \$140.8500 | \$14.09 |
| 3 | 01-05-70-7010 POOL TIMECARDS, STAPLE REMOVER, LAM POUCHES, CASHB | | | 0.2 \$140.8500 | \$28.17 |
| 4 | 01-09-70-7010 POOL TIMECARDS, STAPLE REMOVER, LAM POUCHES, CASHB | | | 0.1 \$140.8500 | \$7.04 |
| 5 | 10-00-70-7010 POOL TIMECARDS, STAPLE REMOVER, LAM POUCHES, CASHB | | | 0.1 \$140.8500 | \$7.04 |
| 6 | 12-00-70-7010 POOL TIMECARDS, STAPLE REMOVER, LAM POUCHES, CASHB | | | 0.1 \$140.8500 | \$7.04 |
| 7 | 13-00-70-7010 POOL TIMECARDS, STAPLE REMOVER, LAM POUCHES, CASHB | | | 0.1 \$140.8500 | \$7.04 |
| 36 | SAMS / SAM'S CLUB | 6/16/2023 | 6/16/2023 | 061623SAMS | \$1,916.76 |
| 1 | 36-00-00-8210 MKT FUNDRAISER FOOD/DRINKS | | | 1.0 \$190.8200 | \$190.82 |
| 2 | 01-06-70-7240 POOL CONCESSIONS | | | 1.0 \$1,442.8400 | \$1,442.84 |
| 3 | 01-06-70-7240 POOL CONCESSIONS POP | | | 1.0 \$27.9200 | \$27.92 |
| 4 | 01-06-70-7240 POOL CONCESSIONS | | | 1.0 \$255.1800 | \$255.18 |
| 29 | SDK / SDK LABORATORIES | 6/16/2023 | 6/16/2023 | 1782.23 | \$263.00 |
| 1 | 13-00-60-6170 SEWER LAB ANALYSIS | | | 1.0 \$263.0000 | \$263.00 |

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Batch: AAABSK

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| Tr. # | Vendor | Inv Date | Due Date | Invoice # | Total Invoice |
|-------|---|-----------|-----------|-------------------|---------------|
| 25 | SENTRY / SENTRY SIREN | 6/16/2023 | 6/16/2023 | 32636 | \$5,148.52 |
| 1 | 01-00-00-4710 DAMAGED BRIDGE LIGHT | | | 1.0 \$5,148.5200 | \$5,148.52 |
| 4 | SHARKS / SEDGWICK SHARKS | 6/16/2023 | 6/16/2023 | 061623SWIMTEAM | \$200.00 |
| 1 | 01-06-00-4710 SWIM TEAM REIMB TO SWIM TEAM ACCT | | | 1.0 \$200.0000 | \$200.00 |
| 10 | SHERWIN / SHERWIN WILLIAMS | 6/16/2023 | 6/16/2023 | 2348-7 | \$30.28 |
| 1 | 01-05-70-7410 STAIN/COATING-COURT DESK | | | 1.0 \$30.2800 | \$30.28 |
| 7 | SOUTH CENTRAL / SOUTH CENTRAL SEALING & PAVIN | 6/16/2023 | 6/16/2023 | 39504-07 39525-27 | \$22,132.00 |
| 1 | 40-15-00-8210 SIDEWALK REPAIR 612 N FRANK | | | 1.0 \$1,273.0000 | \$1,273.00 |
| 2 | 08-00-60-6130 CURB & GUTTER REPAIR | | | 1.0 \$1,762.0000 | \$1,762.00 |
| 3 | 40-15-00-8210 SIDEWALK REPAIR 501 N FRANK | | | 1.0 \$815.0000 | \$815.00 |
| 4 | 08-00-60-6130 STREET CONCRETE REPAIR-8TH & COMM | | | 1.0 \$4,627.0000 | \$4,627.00 |
| 5 | 08-00-60-6130 STREET CONCRETE REPAIR 709 N COMM | | | 1.0 \$1,500.0000 | \$1,500.00 |
| 6 | 40-15-00-8210 SIDEWALK REPAIR 203 N MAD | | | 1.0 \$510.0000 | \$510.00 |
| 7 | 08-00-60-6130 STREET CONCRETE REPAIR 8TH & FRANK | | | 1.0 \$2,500.0000 | \$2,500.00 |
| 8 | 08-00-60-6130 STREET CONCRETE REPAIR 4TH & MAD | | | 1.0 \$9,145.0000 | \$9,145.00 |
| 21 | STATE OF KS-CHIEF FINANCIAL OFFICER / STATE OF K | 6/16/2023 | 6/16/2023 | 061623FILINGFEE | \$175.00 |
| 1 | 01-01-60-6220 FINANCIAL STATEMENT FILING FEE | | | 1.0 \$175.0000 | \$175.00 |
| 5 | STUDIO F INC. / WCCIT | 6/16/2023 | 6/16/2023 | TSP_770 | \$652.00 |
| 1 | 01-01-60-6200 MO SRVC-ADMIN | | | 0.5 \$400.0000 | \$200.00 |
| 2 | 01-03-60-6200 MO SRVC-POLICE | | | 0.3 \$400.0000 | \$100.00 |
| 3 | 01-04-60-6200 MO SRVC-FIRE | | | 0.1 \$400.0000 | \$20.00 |
| 4 | 13-00-60-6200 MO SRVC-SEWER | | | 0.2 \$400.0000 | \$80.00 |
| 5 | 01-01-60-6200 MICROSOFT/SECURITY | | | 0.3 \$252.0000 | \$63.00 |
| 6 | 01-03-60-6200 MICROSOFT/SECURITY | | | 0.3 \$252.0000 | \$63.00 |
| 7 | 10-00-60-6200 MICROSOFT/SECURITY | | | 0.3 \$252.0000 | \$63.00 |
| 8 | 13-00-60-6200 MICROSOFT/SECURITY | | | 0.3 \$252.0000 | \$63.00 |
| 27 | THIEME, ABRA / ABRA THIEME | 6/16/2023 | 6/16/2023 | 061623AT | \$19.95 |
| 1 | 01-06-70-7240 REIMB CROCKPOT BAGS FOR CHEESE-POOL | | | 1.0 \$19.9500 | \$19.95 |
| 12 | UDNERGROUND / UNDERGROUND VAULTS & STORAGE | 6/16/2023 | 6/16/2023 | 534255 | \$19.05 |
| 1 | 01-01-60-6200 FILE RETENTION STORAGE | | | 1.0 \$19.0500 | \$19.05 |

AP Enter Bills Edit Report - Sorted by Vendor ** Customized **

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City of Sedgwick (SEDGKS)
Batch: AAABSK

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| Tr. # | Vendor | Inv Date | Due Date | Invoice # | Total Invoice |
|----------------------------------|---|-----------|-----------|------------------|--------------------|
| 31 | VERIZON / VERIZON WIRELESS | 6/16/2023 | 6/16/2023 | 9935645718 | \$284.06 |
| 1 | 01-03-60-6180 PD MDT SERVICE | | | 1.0 \$120.0300 | \$120.03 |
| 2 | 01-03-60-6180 PD CELL SERVICE | | | 1.0 \$82.6800 | \$82.68 |
| 3 | 01-11-60-6180 MAINT MDT-LAPTOP | | | 1.0 \$40.0100 | \$40.01 |
| 4 | 01-11-60-6180 MAINT CELL PHONE-JIMBO | | | 1.0 \$41.3400 | \$41.34 |
| 38 | WASTE CONNECTIONS / WASTE CONNECTIONS | 6/16/2023 | 6/16/2023 | 17275427V025 | \$6,932.64 |
| 1 | 12-00-60-6160 95 GALLON TRASH CART | | | 364.0 \$10.2000 | \$3,712.80 |
| 2 | 12-00-60-6160 65 GALLON TRASH CART | | | 157.0 \$8.1600 | \$1,281.12 |
| 3 | 12-00-60-6160 35 GALLON TRASH CART | | | 44.0 \$8.1600 | \$359.04 |
| 4 | 12-00-60-6160 SR 35 GALLON TRASH CART | | | 33.0 \$7.1400 | \$235.62 |
| 5 | 12-00-60-6160 SEDG CO SURCHARGE | | | 57.0 \$2.5000 | \$142.50 |
| 6 | 12-00-60-6160 RECYCLE | | | 589.0 \$2.0400 | \$1,201.56 |
| 7 | 12-00-60-6160 CART EXCHANGE | | | 0.0 \$25.0000 | \$0.00 |
| 19 | WHOLESALE WATER / WHOLESALE WATER SUPPLY DI | 6/16/2023 | 6/16/2023 | INV01257 | \$4,223.45 |
| 1 | 10-00-60-6150 4-11-23 TO 5-18-23 WATER USAGE 548500 | | | 5,485.0 \$0.7700 | \$4,223.45 |
| 26 | WILBUR-ELLIS / WILBUR-ELLIS COMPANY | 6/16/2023 | 6/16/2023 | 15717697 | \$390.79 |
| 1 | 01-08-70-7100 WEED/GRASS KILLER | | | 0.5 \$390.7900 | \$195.40 |
| 2 | 01-10-70-7100 WEED/GRASS KILLER | | | 0.5 \$390.7800 | \$195.39 |
| 15 | WILLERT / GARRETT WILLERT | 6/16/2023 | 6/16/2023 | 061623GW | \$200.00 |
| 1 | 36-00-00-8210 CONCERT SERIES SINGER | | | 1.0 \$200.0000 | \$200.00 |
| 14 | WINGFIELD / JAKE WINGFIELD | 6/16/2023 | 6/16/2023 | 061623JW | \$200.00 |
| 1 | 36-00-00-8210 MOONLIGHT MKT SINGER | | | 1.0 \$200.0000 | \$200.00 |
| Grand Totals | | | | | |
| Total Direct Expense: | | | | | \$71,398.52 |
| Total Immediate Payments: | | | | | \$71,398.52 |

Report Summary

Report Selection Criteria
 Report Type: Detailed
 Start End
 Transaction Number: Start End

AP Bank Reconciliation Posting Audit Report

City of Sedgwick (SEDGKS)

06/16/2023 03:25:12 PM

Batch: AAABSL

User ID: SHELIA

Page 1

Bank Code: CKG LEGACY BANK

| Vendor Tran# | Document # | Date | Type | User ID | Posting Reference | Total Amount |
|-----------------|------------|------|------|---------|-------------------|--------------|
|-----------------|------------|------|------|---------|-------------------|--------------|

LEGACY BANK

| | | | | | | |
|---|-------|------------|-------|--------|--------------------|------------|
| 1 | 69738 | 06/16/2023 | Check | SHELIA | AP0000001158AAABSL | \$6,048.63 |
|---|-------|------------|-------|--------|--------------------|------------|

Description:

KANSAS STATE WITHHOLDING TAX

| | | | | | | |
|---|-------|------------|-------|--------|--------------------|----------|
| 2 | 69739 | 06/16/2023 | Check | SHELIA | AP0000001158AAABSL | \$951.89 |
|---|-------|------------|-------|--------|--------------------|----------|

Description:

KPERS

| | | | | | | |
|---|-------|------------|-------|--------|--------------------|------------|
| 3 | 69740 | 06/16/2023 | Check | SHELIA | AP0000001158AAABSL | \$3,160.15 |
|---|-------|------------|-------|--------|--------------------|------------|

Description:

| | Bank Totals | Items | Total Voids | Items |
|------------------------------|----------------------|-------|-------------|-------|
| Checks | (\$10,160.67) | 3 | \$0.00 | 0 |
| Deposits | \$0.00 | 0 | \$0.00 | 0 |
| Deductions | \$0.00 | 0 | \$0.00 | 0 |
| Additions | \$0.00 | 0 | \$0.00 | 0 |
| Bank Charges | \$0.00 | 0 | \$0.00 | 0 |
| Net Activity for CKG: | (\$10,160.67) | | | |

Report Totals

| | Bank Totals | Items | Total Voids | Items |
|----------------------|----------------------|-------|-------------|-------|
| Checks | (\$10,160.67) | 3 | \$0.00 | 0 |
| Deposits | \$0.00 | 0 | \$0.00 | 0 |
| Deductions | \$0.00 | 0 | \$0.00 | 0 |
| Additions | \$0.00 | 0 | \$0.00 | 0 |
| Bank Charges | \$0.00 | 0 | \$0.00 | 0 |
| Net Activity: | (\$10,160.67) | | | |

INSPECTION REPORT

City of Sedgwick Earthen Detention Dam

Dam Safety Inspection Report Sedgwick, Kansas

KDA DWR WSN: DHV-0052
PEC PROJECT NO. 237088-002-1223
June 2023



OWNER
City of Sedgwick
511 N. Commercial
Sedgwick, KS 67135
316-772-5151

PREPARED BY
Professional Engineering Consultants, P.A.
400 S. Kansas Ave. Ste. 200
Topeka, KS 66603
785-233-8300

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DAM SAFETY INSPECTION REPORT

City of Sedgwick Earthen Detention Dam

WSN: DHV-0052

PEC PROJECT NO: 237088-002-1223

A. Executive Summary

The dam was inspected on April 14, 2023, by Jason L. Fundis, P.E. and Kyle J. Kelsey, I.E., with Professional Engineering Consultants, P.A. (PEC). The inspection was conducted to meet the requirements of K.S.A. 82a-301 et seq., which requires owners of class “C” dams to have a safety inspection of their dam conducted once every three years by a licensed engineer.

In addition to the on-site inspection, PEC has completed a summary of the history of the dam, reviewed previous inspections and reports, reviewed the existing Emergency Action Plan, performed a hydrology and hydraulics review, evaluated current hazard classification, and provided recommendations for dam rehabilitation/maintenance.

Significant findings during this inspection were: (1) metal grate on the pipe leading to the drawdown inlet structure is damaged; (2) rodent holes were found on the top of the dam and along the upstream and downstream slopes; (3) Minor longitudinal and dry cracking on the upstream slope; (4) woody vegetation next to the principal spillway outlet pipe.

B. Ownership

The dam and the surrounding area is owned and operated by the City of Sedgwick. Their contact information is:

City of Sedgwick
511 N. Commercial
Sedgwick, Kansas 67135
P (316) 772-5151

C. PEC Topeka Office Contact Information

Jason Fundis, P.E.
Professional Engineering Consultants, P.A.
400 S. Kansas Ave. Ste. 200
Topeka, KS 66603
P (785) 233-8300
Jason.Fundis@pec1.com

D. Dam Description, Location and History

Sedgwick Earthen Dam is located east of the City of Sedgwick near the intersection of 96th Street and Hoover Road; at a location in the SE ¼ of Section 27, Township 24 South, Range 01 West, Harvey County, Kansas.

The dam was designed by Professional Engineering Consultants, P.A. According to the Division of Water Resources, Sedgwick Earthen Detention Dam was permitted on April 2, 2010, and construction was completed on August 31, 2010.

No modifications to the dam are known to have occurred.

E. Summary of Previous Inspections

PEC made an open records request to the Kansas Department of Agriculture for all documents on file for this dam. A summary of the records follows:

- a) *March 24, 2014 (PEC)* – The significant findings during this inspection were: (1) significant rodent holes and predator dens on all slopes of the dam; (2) woody vegetation on the downstream slope of the dam, the dam crest, and portions of the upstream slope. The recommendations based on these findings were: (1) fill all rodent holes; (2) remove woody vegetation and monitor slides along slope; (3) update contact information and DWR recommended changes within the EAP.
- b) *April 20, 2017 (PEC)* – The significant findings during this inspection were: (1) debris along the wave berm and around the principal spillway inlet structure; (2) rodent holes were found on the top of dam and the upstream slope; (3) debris along the inlet of the emergency spillway.
- c) *April 16, 2020 (DWR)* – The significant findings during this inspection were: (1) an outdated emergency action plan; (2) animal burrows; (3) very tall grass; (4) trees and woody vegetation.

F. Current Inspection Findings

The inspection was conducted on April 14, 2023, by Jason L. Fundis, P.E. and Kyle J. Kelsey, I.E., with PEC. The inspection was conducted by walking the upstream slope, crest, downstream slope, the auxiliary spillway, and reservoir area. In addition, the downstream channel and drainage area were driven to observe conditions at the time of the inspection. Ground conditions were normal for this time of year. At the time of the inspection, water was approximately 5 feet below normal pool elevation. The weather was approximately 65° F and sunny.

Specific findings during the inspection included:

- a) *Top of Dam* – One active and several inactive rodent holes found.
- b) *Upstream Slope* – Multiple inactive rodent holes found along the slope. Minor longitudinal and dry cracking present.
- c) *Principal Spillway Pipe/Inlet* – Metal grate on the pipe leading to the drawdown inlet structure is damaged.
- d) *Downstream Slope* – sporadic inactive rodent holes on the slope. Minor longitudinal and dry cracking present.
- e) *Principal Spillway Pipe/Outlet* – Woody vegetation next to outlet pipe.

G. Survey Information

There were no major modifications to the dam that were observed, therefore a survey was not conducted as part of the inspection.

H. Discharge from Spillways and Drains

The water level was approximately 5 feet below normal pool elevation with no seepage evident, with no water flowing into the primary spillway structure or out of the primary spillway outlet.

There are no toe or embankment drains installed in this dam to the knowledge of the inspecting engineer.

The drawdown valve was observed, but not operated as part of this inspection, however the owner operates the valve at least once a year.

I. Monitoring Devices

There are no monitoring devices or instrumentation installed at this dam to the knowledge of the inspecting engineer.

J. Hazard Classification

Currently, the dam is classified as a Hazard Class “C” dam.

The dam has not undergone any known hydraulically significant alterations that would impact its hazard classification since its initial construction. Upstream conditions remain similar to the original design conditions. There are no new hazards downstream of the dam. Therefore, PEC agrees with the current hazard classification.

K. Hydrology and Hydraulics Review

As part of this review, PEC delineated the drainage area boundary on a USGS quadrangle map to determine the drainage area compared to the original design. The drainage area was determined to be approximately 490 acres, which was essentially the same as the 492 acres identified at design. Land use in both the upstream and downstream areas remain similar to original conditions at the time of design. Therefore, hydrology and hydraulics are assumed to be the same as that calculated and approved during the design process.

L. Emergency Action Plan (EAP)

The October 2009 EAP for the dam was reviewed. Upon review, the document no longer follows the expected KDA/DWR general format. Signatories, officials, and hazard owner contact information require updating along with the new format. PEC recommends updating the inundation mapping in addition to the written document.

PEC recommends adding specific contact information for downstream habitants, as required in K.A.R. 5-40-73 by reference to FEMA's *Federal Guidelines for Dam Safety, Emergency Action Planning for Dam Owners*.

M. Maintenance and Operation Plan

At the time this report is being written, there is no known written O&M Plan for the dam. PEC makes several maintenance recommendations in Section O.

N. Items Needing Immediate Attention

The following recommendations refer to deficiencies that were found that need immediate attention that are directly affecting the structural integrity or purpose of the dam and its appurtenances.

- a) *Principal Spillway Pipe/Inlet* – Metal grate on the pipe leading to the drawdown inlet structure needs replaced.
- b) *Upstream Slope* – Alternate mowing patterns to prevent further longitudinal cracking of the slope, which can be seen in Photo 31.
- c) *Downstream Slope* – Alternate mowing patterns to prevent further longitudinal cracking of the slope, which can be seen in Photos 11 and 12.

PEC lists several other maintenance recommendations in Section O.

O. Maintenance Recommendations

The following recommendations are based on our findings during the review and inspection of the dam and its appurtenances. Implementing these recommendations may require the assistance of a professional engineer and may also require prior approval from the Division of Water Resources.

- d) *Top of Dam* – Fill in rodent holes and monitor rodent activity. Reseed at the southern bend.
- e) *Upstream Slope* – Fill in rodent holes and monitor rodent activity. Reseed and monitor longitudinal and dry cracking. If the cracks on the slope continue to grow, acquire the services of a Professional Engineer to recommend and design improvements.
- f) *Downstream Slope* – Fill in rodent holes and monitor rodent activity.
- g) *Principal Spillway Pipe/Outlet* – Monitor and remove woody vegetation next to outlet pipe.

It is apparent that maintenance activities are being performed on the dam. The upstream slope is mowed and there is a good stand of grass cover. The following are routine maintenance and monitoring activities that should continue to be completed as needed. We recommend that dam owners always check with the Division of Water Resources to determine their requirements prior to making any modifications to a dam.

- a) *Small Trees, Brush, and Grass Cover* – Any trees on the embankment, and alongside the auxiliary spillway, which have diameter of less than four inches (a circumference of less than one foot) should be cut down at the base of the ground, and removed from the area. The stumps can be chemically treated to help prevent any re-growth if preferred. Existing brush should be removed and continued maintenance should focus on maintaining little to no brush cover on the top, upstream, or downstream slope of the dam. All brush and trees removed during these activities, and any tree litter that naturally falls to the ground or is washed ashore, should be removed from the site as not to hinder grass establishment. Bare areas should be identified and reseeded as necessary to promote a thick stand of grass on all of the dam and auxiliary spillway surfaces.
- b) *Upstream Slope* – Continue to remove drift and debris.
- c) *Primary Spillway Inlet* – Continue to remove drift and debris from the trash rack as it accumulates.
- d) *Auxiliary Spillway* – Monitor areas for standing water. If issue persists, regrade to fill in low areas and continue to monitor for wet areas.
- e) *Downstream Slope* – Monitor for erosion, particularly at the left and right abutments.
- f) *Primary Spillway Pipe/Outlet* – Verify toe drains are present and monitor for any mineral buildup or sediment transport.
- g) *Stilling Basin* – Monitor for erosion and sediment accumulation.

P. Conclusion

In conclusion, the significant findings during this inspection were: (1) metal grate on the pipe leading to the drawdown inlet structure is damaged; (2) rodent holes were found on the top of the dam and along the upstream and downstream slopes; (3) Minor longitudinal and dry cracking on the upstream slope; (4) woody vegetation next to the principal spillway outlet pipe. The recommendations based on these findings were: (1) repair or replace metal grate on the pipe leading to the drawdown inlet structure; (2) alternate tire paths of mower to prevent further erosion on the upstream slope; (3) fill rodent holes along the top of dam, the upstream slope, and the downstream slope; (4) update the EAP per the current DWR requirements.

Appendices

Dam Safety Field Inspection Check Sheet

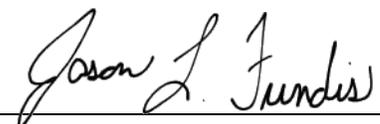
Appendix A-1

Dam Safety Field Inspection Checklist

DWR Water Structure No. DHV-0052 Name of Dam Sedgwick 96th and Hoover Dam
 Date of Inspection April 14, 2023 Owner City of Sedgwick
 Inspection Team Jason Fundis, Kyle Kelsey Address SW 96th St & S Hoover Rd, Sedgwick, KS
 Hazard Classification Class C (High) Size _____ County Harvey
 Weather Sunny 65° Sec. 27 TWP 24S Range 1W

| ITEM | RATING | REMARKS |
|---|--------|--|
| I. GENERAL CONDITIONS | | |
| A. Alterations to the Dam? | No | NO OBSERVED ALTERATIONS TO THE DAM. |
| B. Development in Floodplain? | No | NO OBSERVED DEVELOPMENT IN THE FLOODPLAIN. |
| C. Fencing/Gates Adequate | N/A | N/A |
| D. Hazard Class need reevaluation? | No | NO HAZARD CLASS REEVALUATION NECESSARY AT THIS TIME. |
| E. Drawdown Pipes/Valves? | 1 | DRAW DOWN OPEN. |
| F. Water Level | | Below Normal Pool : 5ft |
| II. TOP OF DAM | | |
| A. Grass Cover Adequate? | 1 | AT LEAST 1 BARE SPOT FROM SUN SCORCH, BUT OTHERWISE ADEQUATE GRASS COVER ON THE TOP OF THE DAM. |
| B. Erosion? | 1 | NO OBSERVED EROSION ON THE TOP OF THE DAM. |
| C. Trees? | 1 | NO OBSERVED TREES ON THE TOP OF THE DAM. |
| D. Settlement? | 1 | NO EVIDENCE OF SETTLEMENT ON THE TOP OF THE DAM. |
| E. Rodent Holes? | 2 | AT LEAST 1 ACTIVE RODENT HOLE AND SPORADIC INACTIVE RODENT HOLES ON THE TOP OF THE DAM. |
| III. WAVE BERM | | |
| A. Grass Cover Adequate? | 1 | ADEQUATE GRASS COVER ON THE WAVE BERM. |
| B. Erosion? | 1 | NO OBSERVED EROSION ON THE WAVE BERM. |
| C. Trees? | 1 | NO OBSERVED TREES ON THE WAVE BERM. |
| D. Rodent Holes? | 1 | NO OBSERVED RODENT HOLES ON THE WAVE BERM. |
| E. Drift/Debris | 1 | NO OBSERVED DRIFT OR DEBRIS ON THE WAVE BERM. |
| IV. UPSTREAM SLOPE | | |
| A. Grass Cover Adequate? | 1 | SPORADIC BARE SPOTS ON THE UPSTREAM SLOPE, BUT OTHERWISE ADEQUATE GRASS COVER ON THE TOP OF THE DAM. |
| B. Erosion? | 1 | NO OBSERVED EROSION ON THE UPSTREAM SLOPE. |
| C. Trees? | 1 | NO OBSERVED TREES ON THE UPSTREAM SLOPE. |
| D. Rodent Holes? | 2 | SPORADIC INACTIVE RODENT HOLES ON THE UPSTREAM SLOPE. |
| E. Cracks, Settlement or Bulges? | 2 | MINOR LONGITUDINAL AND DRY CRACKING ON THE UPSTREAM SLOPE. |
| F. Adequate and Sound Riprap? | N/A | NO RIPRAP ON THE UPSTREAM SLOPE. |
| G. Drift/Debris? | 1 | NO OBSERVED DRIFT OR DEBRIS ON THE UPSTREAM SLOPE. |
| V. PRINCIPAL SPILLWAY PIPE/INLET | | |
| RISER TYPE: Concrete | | OTHER: |
| A. Water Flowing In? | No | POND WAS DRY. |
| B. Deterioration? | 2 | METAL GRATE ON THE PIPE LEADING TO THE DRAWDOWN INLET STRUCTURE IS DAMAGED. |
| C. Leakage? | 1 | NO LEAKAGE OBSERVED ON PRINCIPAL SPILLWAY OR INLET. |
| D. Trash Rack Condition? | 1 | TRASH RACK IN GOOD CONDITION. |
| VI. EMERGENCY SPILLWAY | | |
| A. Grass Cover Adequate? | 1 | ADEQUATE GRASS COVER IN THE EMERGENCY SPILLWAY. |
| B. Erosion? | 1 | NO OBSERVED EROSION IN THE EMERGENCY SPILLWAY. |
| C. Rodent Holes? | 1 | NO OBSERVED RODENT HOLES IN THE EMERGENCY SPILLWAY. |
| D. Trees? | 1 | NO OBSERVED TREES IN THE EMERGENCY SPILLWAY. |
| VII. DOWNSTREAM SLOPE | | |
| A. Grass Cover Adequate? | 1 | ADEQUATE GRASS COVER ON THE DOWNSTREAM SLOPE. |
| B. Erosion? | 1 | NO OBSERVED EROSION ON THE DOWNSTREAM SLOPE. |
| C. Trees? | 1 | NO OBSERVED TREES ON THE DOWNSTREAM SLOPE. |
| D. Rodent Holes? | 2 | SPORADIC INACTIVE RODENT HOLES ON THE DOWNSTREAM SLOPE. |
| E. Cracks, Settlement or Bulges? | 1 | NO OBSERVED CRACKS, SETTLEMENT, OR BULGES ON THE DOWNSTREAM SLOPE. |
| F. Seepage or Boils? | 1 | NO OBSERVED SEEPAGE OR BOILS. |
| VIII. TOE DRAINS | | |
| A. Water Draining? | No | NONE FOUND. |
| B. Rodent Screen? | N/A | NONE FOUND. |
| C. Mineral Buildup/Blockage? | N/A | NONE FOUND. |
| IX. PRINCIPAL SPILLWAY PIPE/OUTLET | | |
| PIPE TYPE: Concrete | | OTHER: |
| A. Water Flowing Out? | No | POND WAS DRY. |
| B. Exposed Pipe Condition? | 2 | OUTLET PIPE IN GOOD CONDITION. WOODY VEGETATION NEXT TO OUTLET PIPE. |
| C. Leakage? | 1 | NO OBSERVED LEAKAGE ON OUTLET PIPE. |
| X. STILLING BASIN | | |
| A. Erosion? | 1 | NO OBSERVED EROSION OF THE STILLING BASIN. |
| B. Riprap Condition? | 1 | STILLING BASIN RIPRAP IN GOOD CONDITION. |
| C. Dissipator Condition? | 1 | STILLING BASIN DISSIPATOR IN GOOD CONDITION. |

GENERAL NOTES: WATER BELOW NORMAL POOL/DRY.



Guidance Matrix for Dam Safety Inspection Reports

| Guidance Matrix for Dam Safety Inspection Reports | | | | |
|---|---|---|--|---|
| Dam Condition Rating | | | | |
| | ACCEPTABLE | ACCEPTABLE, IN NEED OF WORK OR MONITORING | UNSAFE | EMERGENCY, UNSAFE |
| Number on Sheet: | 1 | 2 | 3 | 4 |
| Observable Problems | | | | |
| I. GENERAL CONDITIONS | No observed problems. No evidence of the dam being altered, cracks, or settlements. No uncontrolled seepage. Adequate grass cover on the dam. Adequate fencing around the dam. No new development downstream of dam. | Undulating top of dam, depressions, ruts, uneven slopes, or poor grass cover. The minimum requirements of regulations or design are not met. Fencing needs to be repaired. The conditions do not appear to threaten the safety of the dam. | Longitudinal cracking with little or no vertical displacement. Transverse cracking extending deeper than one foot. Development has occurred downstream or in floodplain. Large erosion areas due to lack of adequate grass cover. Fencing missing areas or no gate. Houses downstream. | Failure is imminent. Large volumes of seepage, enlarging hole, slides on embankment. Extensive longitudinal cracking with vertical displacement. Transverse cracking exhibiting seepage flow or vertical displacement. More than two Houses downstream. |
| II. TOP OF DAM | No observed problems. No evidence of top of the dam being altered, cracks, or settlements. The top of dam has a near new appearance, no erosion, rodent holes, or trees. | Undulating top of dam, depressions, ruts, uneven slopes, or poor grass cover. The conditions do not appear to threaten the safety of the dam. | Longitudinal cracking with little or no vertical displacement. Transverse cracking extending deeper than one foot. Large erosion areas due to lack of adequate grass cover. | Failure is imminent. Large volumes of enlarging hole or no grass cover on top of dam. Extensive longitudinal cracking with vertical displacement. |
| III. UPSTREAM SLOPE | No observed problems. The upstream slope has a near new appearance, no erosion, rodent holes, or trees on embankment. No evidence of cracks, settlement or bulges. Riprap is adequate and has a near new appearance. The conditions observed do not appear to threaten the safety of the dam. | General cross-section is maintained although surfaces may be irregular, have rodent holes, trees on embankment, eroded, rutted, or otherwise not in new condition. Riprap is weathered or broken down. Conditions do not appear to threaten the safety of the dam. | Observed conditions appear to threaten the safety of the dam. Large areas of erosion or rodent holes. Wave erosion has reduced the width of the dam crest. Deep upstream slides. Heavy wooded vegetation. | Failure is imminent. Crest of dam is wholly gone due to erosion, rutting or slides. |
| IV. UPSTREAM/DOWNSTREAM ABUTMENT CONTACTS | No observed problems. Abutment has new appearance. No signs of erosion, cracks, slides, or seepage. | Shallow slides less than 3 feet vertically. Do not impinge on the freeboard of the dam. The conditions do not appear to threaten the safety of the dam. | Deep slides. Visible seepage. May impinge on the freeboard of the dam. Damage to pipe or other critical elements of the dam. Conditions appear to threaten the safety of the dam. | Active slides. Dam crest involved in slide. Dam in danger of breaching due to slide. Failure appears imminent. |
| V. PRINCIPLE INLET | No observed problems. Spillway has near new appearance. Materials show no signs of spalling, cracking, or scaling. Coating is adequate. No exposed reinforcement. No corrosion on steel. No leakage visible. Joints are adequate. No blockage of spillway. Conditions observed do not appear to threaten the safety of the dam. | Conditions do not appear to threaten the safety of the dam. Materials show corrosion on steel, concrete cracking, concrete spalling, and riprap breakdown. Obstacles in the spillway. Joints have been displaced or offset. The materials are not according to design specifications. | Spillway blocked, severe erosion extending into crest. Materials show extensive corrosion on steel, concrete cracking, concrete spalling, and riprap breakdown. Visible leakage around pipe. Spillway alignment directs flow to toe of dam. Joints are severely displaced, offset or material is missing. Conditions appear to threaten the safety of the dam. | Failure appears imminent. Dam overtopping, erosion of embankment in progress. Large amount of leakage around pipe. |
| VI. EMERGENCY SPILLWAY | No observed problems. The emergency spillway slope has a near new appearance and conditions observed do not appear to threaten the safety of the dam. | General cross-section is maintained although surfaces may be irregular, eroded, rutted or otherwise not in new condition. Conditions do not appear to threaten the safety of the dam. | Observed conditions appear to threaten the safety of the dam. Spillway blocked, severe erosion extending into crest. No spillway or lack of a principal spillway with an earthen overflow spillway. Spillway alignment directs flow to toe of dam. | Failure is imminent. Spillway less than 40 feet wide and/or two feet |
| VII. DOWNSTREAM SLOPE | No observed problems. The downstream slope has a near new appearance, no erosion, rodent holes, or trees on embankment. No evidence of cracks, settlement or bulges. Riprap is adequate and has a near new appearance. The conditions observed do not appear to threaten the safety of the dam. | General cross-section is maintained although surfaces may be irregular, have rodent holes, trees on embankment, eroded, rutted, or otherwise not in new condition. Riprap is weathered or broken down. Conditions do not appear to threaten the safety of the dam. | Observed conditions appear to threaten the safety of the dam. Large areas of erosion or rodent holes. Wave erosion has reduced the width of the dam crest. Deep upstream slides. Heavy wooded vegetation. | Failure is imminent. Crest of dam is wholly gone due to erosion, rutting or slides. |
| VII. TOE DRAINS | No observed problems. Draining and have new appearance. Rodent protection. | Drains show corrosion on steel, mineral buildup. Materials are not according to design. | Drains do not have rodent protection. Mineral buildup so drains cannot work. Drains have cracks or leaks. | Drains are broken or are sloped upward from settlement. |
| IX. PRINCIPAL SPILLWAY OUTLET | Appropriate material used in principal spillway, drawdown, and emergency spillway. Materials appear to be in new condition and according to design specifications. | Materials show corrosion on steel, concrete cracking or spalling, and riprap breakdown. The materials are not according to design specifications. The conditions do not appear to threaten the safety of the dam. | Steel or metal show perforation or fatigue. Concrete has large cracks and may have displacements. Joints have missing material or are displaced. The joints leak. Riprap is worn or eroded. Conditions appear to threaten the safety of the dam. | Large voids beneath concrete paving, the sounds of water flowing outside of the pipe. Concrete has failed. Failure of dam appears imminent. |
| X. STILLING BASIN | No observed problems. Appropriate material used in stilling basin. Materials appear to be in new condition and according to design specifications. | Material show weather erosions and riprap breakdown. The materials are not according to design specifications. The conditions do not appear to threaten the safety of the dam. | No riprap in stilling basin. Observable conditions appear to threaten the integrity of the dam. Conditions appear to threaten the safety of the dam. | Large voids beneath concrete paving, the sounds of water flowing outside of the pipe. Concrete has failed. Failure of dam appears imminent. |

General Location Map

Appendix A-2

Sedgwick Earthen Detention Dam Inspection General Location Map



1 inch = 3,000 feet

Deficiencies Location Map

Appendix A-3



RODENT HOLES

LONGITUDINAL CRACK

RODENT HOLES

LONGITUDINAL CRACK

DAMAGED GRATE ON PRINCIPAL SPILLWAY INLET LEADER PIPE

BARE SPOT

RODENT HOLE

DRY CRACK

SPARSE GRASS

SEDGWICK DAM
DEFICIENCIES MAP

N
Page 31

Project Photograph Location Maps

Appendix A-4



SEDGWICK DAM
PHOTO LOCATIONS

N
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Project Photographs

Appendix A-5

Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 1

Direction: N Short Description or Location: Emergency Spillway
Detailed Description: THE POND FROM THE EMERGENCY SPILLWAY.



Photo Number: 2

Direction: SW Short Description or Location: Emergency Spillway
Detailed Description: THE EMERGENCY SPILLWAY FROM THE UPSTREAM SIDE.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 3

Direction: NW Short Description or Location: Emergency Spillway
Detailed Description: THE DOWNSTREAM SLOPE OF DAM FROM THE EMERGENCY SPILLWAY.



Photo Number: 4

Direction: NW Short Description or Location: Top of Dam
Detailed Description: THE TOP OF THE DAM FROM THE SOUTHERN START OF THE DAM.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 5

Direction: NW Short Description or Location: Upstream Slope
Detailed Description: THE UPSTREAM SLOPE OF THE DAM FROM THE SOUTHERN START OF THE DAM.



Photo Number: 6

Direction: NW Short Description or Location: Principal Spillway Outlet
Detailed Description: THE PRINCIPAL SPILLWAY OUTLET AND THE DOWNSTREAM SLOPE OF THE DAM.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 7

Direction: N Short Description or Location: Principal Spillway Outlet
Detailed Description: THE PRINCIPAL SPILLWAY OUTLET PIPE.



Photo Number: 8

Direction: N Short Description or Location: Downstream Slope
Detailed Description: DRY CRACKING ON DOWNSTREAM SLOPE BY THE PRIMARY OUTFALL.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 9

Direction: SE Short Description or Location: Downstream Slope
Detailed Description: DOWNSTREAM SLOPE OF THE DAM FROM THE SOUTH BEND LOOKING SOUTHEAST.



Photo Number: 10

Direction: NE Short Description or Location: Downstream Slope
Detailed Description: DOWNSTREAM SLOPE OF THE DAM FROM THE SOUTH BEND LOOKING NORTHEAST.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 11

Direction: NE Short Description or Location: Downstream Slope
Detailed Description: LONGITUDINAL CRACKS ON THE DOWNSTREAM SLOPE.



Photo Number: 12

Direction: E Short Description or Location: Downstream Slope
Detailed Description: LONGITUDINAL CRACKS ON THE DOWNSTREAM SLOPE.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 13

Direction: SE Short Description or Location: Downstream Slope
Detailed Description: RODENT HOLES ON DOWNSTREAM SLOPE OF THE DAM.



Photo Number: 14

Direction: SW Short Description or Location: Downstream Slope
Detailed Description: RODENT HOLES ON DOWNSTREAM SLOPE OF THE DAM.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 15

Direction: SE Short Description or Location: Downstream Slope
Detailed Description: RODENT HOLES ON DOWNSTREAM SLOPE OF THE DAM.



Photo Number: 16

Direction: E Short Description or Location: Downstream Slope
Detailed Description: DOWNSTREAM SLOPE AT NORTH BEND LOOKING EAST.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 17

Direction: SW Short Description or Location: Downstream Slope
Detailed Description: DOWNSTREAM SLOPE AT NORTH BEND LOOKING SOUTHWEST.



Photo Number: 18

Direction: S Short Description or Location: Downstream Slope
Detailed Description: INLET PIPE FROM ADJOINING FIELD.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 19

Direction: S Short Description or Location: Downstream Slope
Detailed Description: RODENT HOLES ON THE DOWNSTREAM SLOPE BY INLET PIPE ON THE NORTH.



Photo Number: 20

Direction: W Short Description or Location: Downstream Slope
Detailed Description: THE DOWNSTREAM SLOPE OF THE DAM FROM THE NORTHERN START OF THE DAM.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 21

Direction: W Short Description or Location: Top of Dam
Detailed Description: THE TOP OF THE DAM FROM THE NORTHERN START OF THE DAM.



Photo Number: 22

Direction: W Short Description or Location: Upstream Slope
Detailed Description: THE UPSTREAM SLOPE OF THE DAM FROM THE NORTHERN START OF THE DAM.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 23

Direction: NW Short Description or Location: Upstream Slope
Detailed Description: OUTLET WITH FLAP GATE OF THE PIPE FROM ADJOINING FIELD.



Photo Number: 24

Direction: E Short Description or Location: Upstream Slope
Detailed Description: UPSTREAM SLOPE AT NORTHERN BEND LOOKING EAST.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 25

Direction: SW Short Description or Location: Upstream Slope
Detailed Description: UPSTREAM SLOPE AT NORTH BEND LOOKING SOUTHWEST.



Photo Number: 26

Direction: E Short Description or Location: Top of Dam
Detailed Description: TOP OF DAM AT NORTH BEND LOOKING EAST.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 27

Direction: SW Short Description or Location: Top of Dam
Detailed Description: TOP OF DAM AT NORTH BEND LOOKING SOUTHWEST.



Photo Number: 28

Direction: NW Short Description or Location: Upstream Slope
Detailed Description: RODENT HOLE ON UPSTREAM SLOPE.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 29

Direction: NW Short Description or Location: Upstream Slope
Detailed Description: RODENT HOLE ON UPSTREAM SLOPE.



Photo Number: 30

Direction: SW Short Description or Location: Top of Dam
Detailed Description: RODENT HOLE ON TOP OF THE DAM.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 31

Direction: SW Short Description or Location: Upstream Slope
Detailed Description: LONGITUDINAL CRACKING ON UPSTREAM SLOPE.



Photo Number: 32

Direction: SW Short Description or Location: Top of Dam
Detailed Description: RODENT HOLE ON UPSTREAM SLOPE.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 33

Direction: SW Short Description or Location: Upstream Slope
Detailed Description: RODENT HOLE ON UPSTREAM SLOPE.



Photo Number: 34

Direction: NE Short Description or Location: Upstream Slope
Detailed Description: UPSTREAM SLOPE AT SOUTH BEND LOOKING NORTHEAST.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 35

Direction: SE Short Description or Location: Wave Berm
Detailed Description: WAVE BERM & UPSTREAM SLOPE AT SOUTH BEND LOOKING SOUTHEAST.



Photo Number: 36

Direction: NE Short Description or Location: Top of Dam
Detailed Description: TOP OF DAM AT SOUTH BEND LOOKING NORTHEAST.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 37

Direction: SE Short Description or Location: Top of Dam
Detailed Description: TOP OF DAM AT SOUTH BEND LOOKING SOUTHEAST.



Photo Number: 38

Direction: NE Short Description or Location: Principal Spillway Inlet
Detailed Description: PRINCIPAL SPILLWAY INLET FROM TOP OF DAM.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 39

Direction: SW Short Description or Location: Principal Spillway Outlet
Detailed Description: PRINCIPAL SPILLWAY OUTLET FROM TOP OF DAM.



Photo Number: 40

Direction: NW Short Description or Location: Top of Dam
Detailed Description: TOP OF DAM AT PRINCIPAL SPILLWAY LOOKING NORTHWEST.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 41

Direction: SE Short Description or Location: Top of Dam
Detailed Description: TOP OF DAM AT PRINCIPAL SPILLWAY LOOKING SOUTHEAST.



Photo Number: 42

Direction: SE Short Description or Location: Principal Spillway Inlet
Detailed Description: PRINCIPAL SPILLWAY INLET FROM UPSTREAM SLOPE OF DAM.



Project Photographs

Site Name: Sedgwick 96th and Hoover Dam Date of Photo: April 14, 2023
PEC Project No: 237088-002 Photographer: JLF

Photo Number: 43

Direction: NW Short Description or Location: Principal Spillway Inlet
Detailed Description: PRINCIPAL SPILLWAY INLET LEADER PIPE WITH DAMAGED GRATE.



Photo Number: 44

Direction: NE Short Description or Location: Principal Spillway Inlet
Detailed Description: PRINCIPAL SPILLWAY INLET.



Drainage Area Map

Appendix A-6

Sedgwick Earthen Detention Dam Inspection Drainage Area Map



DWR Dam Safety Inspection Report Requirements and Guidelines

Appendix A-7

DAM SAFETY INSPECTION REPORT REQUIREMENTS AND GUIDELINES

Fill the form out and returned it with your written inspection report to meet the requirements of K.A.R. 5-40-90. A further description of these items should be included in the report. There are additional instructions below.

LICENSED PROFESSIONAL ENGINEER CONDUCTING INSPECTION

| | | |
|------------------|-------|-------|
| Name | | |
| Business Name | | |
| Business Address | | |
| Phone Number | Work: | Cell: |
| Email Address | | |

DAM OWNER INFORMATION

| | | |
|---------------|-------|-------|
| Owner Name | | |
| Owner Address | | |
| Phone Number | Home: | Cell: |
| Email Address | | |

DAM INFORMATION

| | | | |
|-----------------------------------|---|--|---|
| Water Structure Number | | National Inventory Number | |
| Inspection Team Members | | | |
| Date of Inspection | | | |
| Current Hazard Classification | <input type="checkbox"/> High (Class C) | <input type="checkbox"/> Significant (Class B) | <input type="checkbox"/> Low (Class A) |
| Recommended Hazard Classification | <input type="checkbox"/> High (Class C) | <input type="checkbox"/> Significant (Class B) | <input type="checkbox"/> Low (Class A) |
| Size Class | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 <input type="checkbox"/> 4 |
| Ground Moisture Conditions | <input type="checkbox"/> Dry <input type="checkbox"/> Wet <input type="checkbox"/> Snowcover <input type="checkbox"/> Recent Rain Event <input type="checkbox"/> Other (us the report to further describe the condition) | | |
| Temperature (°F): | | Weather Condition: | |

SPILLWAYS (If any of the spillways listed below are not present check "NA" and do not fill out the information for that spillway)

| | |
|---|--|
| PRIMARY SPILLWAY <input type="checkbox"/> or NA <input type="checkbox"/> | |
| Description | |
| Reservoir Level <input type="checkbox"/> Above or <input type="checkbox"/> Below Inlet Elevation (inches or feet) | |
| Spillway Dimensions | |
| Barrel Diameter (inches) | Riser Dimensions(Inches or feet) or NA: <input type="checkbox"/> |
| Discharge (gpm or cfs) or <input type="checkbox"/> None | |
| Is there a trashrack? <input type="checkbox"/> Yes <input type="checkbox"/> No | |

| |
|---|
| SERVICE SPILLWAY <input type="checkbox"/> or NA <input type="checkbox"/> |
| Description |
| Reservoir Level <input type="checkbox"/> Above or <input type="checkbox"/> Below Inlet Elevation (inches or feet) |
| Spillway Dimensions |
| Weir Length (feet) |
| Discharge (gpm or cfs) or <input type="checkbox"/> None |

| | |
|--|--|
| AUXILIARY SPILLWAY <input type="checkbox"/> or NA <input type="checkbox"/> | |
| Description | |
| Spillway Bottom Width (ft) : | Discharge (cfs) or <input type="checkbox"/> None |

EMBANKMENT DRAINS

| Are there designed drains for the dam? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
|---|-------------------------------------|--|-------------------------------|
| Drains (describe) | Color/Turbidity (describe or check) | Outlet Located | Discharge (gpm) |
| #1 | <input type="checkbox"/> Clear | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> None |
| #2 | <input type="checkbox"/> Clear | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> None |
| #3 | <input type="checkbox"/> Clear | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> None |

DRAWDOWN VALVE

| | |
|--|---|
| Does it have a valve? <input type="checkbox"/> Yes <input type="checkbox"/> No | Was the drawdown operated? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of Last Operation | <input type="checkbox"/> Unknown by owner |
| Discharge (gpm) | <input type="checkbox"/> None |

SEEPAGE (describe within report)

| | |
|--|---|
| Is there seepage present? <input type="checkbox"/> Yes <input type="checkbox"/> No | Discharge (gpm or cfs) or <input type="checkbox"/> NA |
| Color/Turbidity (describe) | |
| Location(s) (describe) | |

SURVEY INFORMATION (If there are changes to documented conditions or items that should be monitored please describe in report)

| |
|---|
| Was a Survey Required? <input type="checkbox"/> Yes <input type="checkbox"/> No |
|---|

EMERGENCY ACTION PLAN

| | |
|--|--|
| Is there an EAP on file at DWR? <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Date of last update | Does it need updated? <input type="checkbox"/> Yes <input type="checkbox"/> No |

APPENDIX

- Color Photographs (K.A. R. 5-40-90 (c)):** Color photographs documenting the condition of the dam appurtenances and embankment and any observed deficiencies in the appurtenances and embankment.
- Plan View Sketch of Photo Locations (K.A.R. 5-40-90 (d)):** A plan view sketch of the dam and the vicinity, showing the location where each photograph was taken and the direction in which the photograph was taken.
- Plan View Sketch of Location of Deficiencies (K.A.R. 5-40-90 (e)):** Sketch of the dam and appurtenances showing location of deficiencies.
- Hazard Location Map (K.A.R. 5-40-90 (k)):** A map drawn to a scale of 1:24,000 or larger showing the location of any hazards added, removed, or not previously shown downstream of the dam, in addition to those identified in previous reports, that would require a modification of the emergency action plan or might change the hazard classification of the dam if required.
- Safety Inspection Check List:** Attach a copy of the inspection checklist used to conduct the inspection.

INSTRUCTIONS:

Each dam safety inspection report required by K.S.A. 82a-303b, and amendments thereto, shall document the observations made during the inspection and the engineer's opinion of the condition of the dam. The report shall be in compliance with the requirements of regulation K.A.R. 5-40-90. Any relevant information to the safety of the dam including any items requested by the chief engineer before the inspection shall also be included. This form is not required by regulation, but is recommended by the Chief Engineer as a supplement to the report. The report outline can be used as a guideline when composing the report of your inspection.

1. Fill out the attached form and submit it with your dam safety inspection report.
2. The licensed professional engineer responsible for the inspection and report must seal and sign the report before submitting it.
3. The report of the inspection must be submitted into the DWR within 60 days of the inspection date.

Mail report to: Water Structures Program Manager, Kansas Department of Agriculture, Division of Water Resources, 1320 Research Park Drive, Manhattan, KS 66502

If you have any questions with regard to the report please contact 785-564-6654 or by email

water_structures@kda.ks.gov

RECOMMENDED SAFETY INSPECTION REPORT OUTLINE

Section 1 Executive Summary: This should be a brief summary of the full report describing the overall condition of the dam and the significant findings of the inspection.

Section 2 Dam Description and History: The major purpose is to describe the physical characteristics of the embankment and appurtenance works and to provide background information which may affect present or future maintenance, repairs, or modifications. This would include but not require date of permit, completion date or any known modifications.

Section 3 Summary of Previous Inspection: This section is not a requirement of K.A.R. 5-40-90. The DWR uses this section to describe the condition of the dam at the time of the most recent previous inspection. Usually, an itemized list and discussion of each area of the dam (such as back slope, top of dam, front slope, primary spillway, etc.) is provided. It is also a means of conveying any pertinent previous findings or observations which may relate to current conditions. Examples could include previous deficiencies, modifications, repairs, maintenance, etc.

Section 4 Current Inspection Findings: This section contains the majority of the required information from K.A.R. 5-40-90. A description of the physical condition of the dam and its appurtenances, a list of any deficiencies that were observed, and a plan view sketch of the dam and its appurtenances showing the location of those deficiencies must be attached. As in Section 3, the DWR usually includes an itemized list and discussion of the conditions of each area (upstream slope, downstream slope, dam crest, primary spillway inlet, condition of the primary spillway outlet/stilling basin and auxiliary/service spillway) of the dam including any deficiencies. Additionally, any change in the capacity of the reservoir or spillways, or the watershed.

Section 5 Survey Information: In this section add any additional information that needs to be provided to accompany the data entered on the form. Survey and other documenting data if the engineer observes any changes from previously documented conditions in the dam or its appurtenances that could jeopardize the integrity of the dam, including any changes in the profile or cross section of the dam, profile, or cross section of any open-channel spillway, and areas of settlement or erosion

Section 6 Discharge from Spillways and Drains: K.A.R. 5-40-90 (i) Any additional information that needs to be included that pertains to the discharge of the primary/service spillway, auxiliary spillway, or drains. A statement about whether seepage is present needs to be made. A description of the seepage (rate, color, turbidity) should be included along with a location of it on the deficiencies map.

Section 7 Monitoring Devices: K.A.R. 5-40-90 (q) This section describes any observations or readings from any instrumentation required by the permit, approved plans, specifications, or the chief engineer. If there are no monitoring devices a statement should be made saying such.

Section 8 Hazard Classification: This section pertains to K.A.R. 5-40-90 (j). A statement indicating whether the engineer agrees or disagrees with the hazard classification of the dam, including the reasons why the engineer agrees or disagrees with the classification needs to be made. This should include a list of the hazards and a map should be included showing the location of the hazards.

Section 9 Hydrology and Hydraulics Review: K.A.R. 5-40-90 (e) (n) (s) A statement needs to be made about the required design storm it must pass for the size class and hazard classification. It should indicate the necessary freeboard for the storm and the actual freeboard. This should represent its current condition. If changes have been made since the last floodrouting, a statement needs to be made.

Section 10 Emergency Action Plan (EAP): K.A.R. 5-40-90 (h) A summary of the engineer's review of the adequacy of the emergency action plan, including a review of any updates since the last inspection. This should include the type of emergency action plan on file or if there isn't one.

Section 11 Maintenance and Operation Plan: This section is not a requirement of K.A.R. 5-40-90. The DWR encourages all dam owners to compile some form of maintenance and operation plan in order to help keep the dam functioning as designed.

Section 12 Items Needing Immediate Attention: This section should discuss measures to be taken to correct deficiencies listed in any of the above sections of the report which meet the criteria outlined in K.A.R. 5-40-90 (e) (1-3) The deficiencies that shall be shown shall include those that meet any of the following conditions: Violate the permit or approved plans or any approved modifications of the permit or approved plans; threaten the structural integrity of the dam; or threaten the safety of people or property above or below the dam.

Section 13 Maintenance Recommendations: This section should discuss measures to be taken to correct deficiencies from any of the above sections of the report which do not necessarily meet the criteria outlined in K.A.R. 5-40-90 (e) (1-3) but which do need to be addressed in order to keep the dam functioning as designed and to keep the specific deficiency from getting worse.

Section 14 Conclusion: This section of the report is a more detailed summary of all of the above findings and recommendations. It is also often a discussion of the causes and connections of the deficiencies and how and why they need to be addressed. Additionally, any required information to be supplied to the DWR is also discussed.)

K.A.R. 5-40-90. Requirements for a dam safety inspection report. Each dam safety inspection report required by K.S.A. 82a-303b, and amendments thereto, shall document the observations made during the inspection and the engineer's opinion of the condition of the dam and shall include all of the following:

- (a) An executive summary briefly describing the overall condition of the dam as found during the inspection;
- (b) the date of the inspection and a list of the members of the inspection team;
- (c) color photographs documenting the condition of the dam appurtenances and embankment and any observed deficiencies in the appurtenances and embankment;
- (d) a plan view sketch of the dam and the vicinity, showing the location where each photograph was taken and the direction in which the photograph was taken;
- (e) a description of the physical condition of the dam and its appurtenances, a list of any deficiencies that were observed, and a plan view sketch of the dam and its appurtenances showing the location of those deficiencies. The deficiencies that shall be shown shall include those that meet any of the following conditions:
 - (1) Violate the permit or approved plans or any approved modifications of the permit or approved plans;
 - (2) threaten the structural integrity of the dam; or
 - (3) threaten the safety of people or property above or below the dam;
- (f) survey and other documenting data if the engineer observes any changes from previously documented conditions in the dam or its appurtenances that could jeopardize the integrity of the dam, including any changes in the profile or cross section of the dam, profile, or cross section of any open-channel spillway, and areas of settlement or erosion;
- (g) a description of the severity of each observed deficiency and the engineer's opinion about the urgency of remedying each deficiency;
- (h) a summary of the engineer's review of the adequacy of the emergency action plan, including a review of any updates since the last inspection;
- (i) the estimated rate and color of discharge from drain outlets and any seeps;
- (j) a statement indicating whether the engineer agrees or disagrees with the hazard classification of the dam, including the reasons why the engineer agrees or disagrees with that classification;
- (k) a map drawn to a scale of 1:24,000 or larger showing the location of any hazards added, removed, or not previously shown downstream of the dam, in addition to those identified in previous reports, that would require a modification of the emergency action plan or might change the hazard classification of the dam;
- (l) any significant changes in the capacity of the reservoir;
- (m) any significant changes in the capacity of any spillway;
- (n) a statement indicating whether there have been any significant changes in the watershed and an estimate of the impact of those changes on the design hydrology;
- (o) the name, mailing address, and telephone number of the engineer;
- (p) the name, mailing address, and telephone number of each current owner of the dam;
- (q) observations or readings from all instrumentation required by the permit, the approved plans, the approved specifications, or the chief engineer;
- (r)
 - (1) A description of the drawdown valve, if any; and
 - (2) specification of whether the drawdown valve was operated during the inspection and, if the valve could not be operated, an explanation of why it could not be operated; and
- (s) any other information relevant to the safety of the dam, including any items requested by the chief engineer before the inspection. (Authorized by K.S.A. 2006 Supp. 82a-303a; implementing K.S.A. 2006 Supp. 82a-303a and 82a-303b; effective May 18, 2007.)