

**COOK COUNTY
MULTI-JURISDICTIONAL
HAZARD MITIGATION PLAN
VOLUME 2 - Municipal Annexes**

Golf Annex

FINAL

July 2019

Prepared for:



Cook County
Department of Homeland Security and Emergency Management
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Hazard Mitigation Point of Contact

Primary Point of Contact	Alternate Point of Contact
Dennis McEnerney, Chief of Police 1 Briar Road Golf, IL 60029 Telephone: 847-998-8857 Email: D.Mcenerney@villageofgolf.us	Jim Dominik, Trustee-Emergency Services 1 Briar Road Golf, IL 60029 Telephone: 847-567-2601 Email: j.dominik@villageofgolf.us

Jurisdiction Profile

The following is a summary of key information about the jurisdiction and its history:

- Date of Incorporation: 1928
- Current Population: The population of the Village of Golf was 496 according to the 2018 US Census population estimate.
- Population Growth: No population growth is anticipated in the Village of Golf. The Village of Golf experienced 10 percent population growth from 2000 to 2010 and then has experienced about a 1 percent decrease in population from 2010 to 2016.
- Location and Description: The Village of Golf is a residential community in Cook County located slightly northeast of the intersection of Golf Road and Waukegan Road. The Village is approximately 4 miles North of Chicago and 5 miles West of Lake Michigan. Golf is situated in between Glenview to the north, Morton Grove to the south. The entire community is only a half square mile, half of which is occupied by the Glen View Golf Club.
- Brief History: The land which is now the village was originally granted to the Chippewa, Ottawa, and Potawatomi peoples on August 19, 1825, at the Treaty of Prairie du Chien. Around 1830, John Dewes purchased 400 acres for 50 cents an acre from Antoine Ouilmette and became the first non-Indian settler in what is now Golf. Dewes first built a log cabin, then in 1834 he built a brick house - a mansion at the time. Both structures remain on the grounds of what is now the Glenview Country Club. In 1897, the Glen View Golf Club bought a portion of the Dewes land and built an 18-hole golf course. Around 1899, one member, Albert J. Earling, President of the Chicago, Milwaukee and St. Paul Railroad, started taking his private rail car from his offices downtown to golf at the Glen View Golf Club. He would tell people he was "going to golf." Earling arranged to have his car switched to a special siding at what is now the Golf train station. Other members began using Earling's siding, and it soon became a regular stop known as the "Golf stop". In 1925 Edward R. Diederich, a Chicago businessman, wanted to buy an acre of land near the Glen View Golf Club to build a country home. He found that in order to get the site he wanted; he would have to purchase a 30- acre tract that was being sold to close an estate. The 30 acres extended from the Golf train station to the Glen View Golf Club boundary.
- Diederich chose to purchase the land, and had it laid out with winding streets and big lots. He installed sewer, water, gas, and electricity, paved streets, sidewalks, and installed street lights. The village of Golf was incorporated in 1928.
- Climate: The climate of Golf and the Chicago area is classified as humid continental with all four seasons distinctly represented: wet springs; hot, and often humid summers; pleasant autumns; and cold winters. Annual precipitation is average, and reaches its lowest points in the months of January and February, and peaks in the months of May and June.
- Governing Body Format: The Village of Golf is a "Home Rule" community governed by the Illinois constitution and its Village ordinances. The Village has long had a volunteer government (trustees and the Village president receive \$1 per year and the Village Clerk and Treasurer receive a modest monthly stipend). The Village Board of Trustees meets on the second Monday of each month at the Village Hall. The six Trustees function like department heads with one taking on responsibility for a different aspect of Village government including the Emergency Services Department, Administrative Department, Public Buildings and Grounds Department,

Financial Department, Water Department, Sanitation Department and Streets & Sidewalks Department.

- **Development Trends:** The Village of Golf is a residential community with no business, manufacturing, or industry. The Village maintains a commuter railroad station, a post office, and small police department located in the train station. The Glenview Club (a private Country Club) is located in the Village as is the Western Golf Association which administers the Evans Scholarship Program. There is currently no room for development or future growth in the Village of Golf.

Capability Assessment

The assessment of the jurisdiction’s legal and regulatory capabilities is presented in the *Legal and Regulatory Capability Table* below. The assessment of the jurisdiction’s fiscal capabilities is presented in the *Fiscal Capability Table* below. The assessment of the jurisdiction’s administrative and technical capabilities is presented in the *Administrative and Technical Capability Table* below. Information on the community’s National Flood Insurance Program (NFIP) compliance is presented in the *National Flood Insurance Program Compliance Table* below. Classifications under various community mitigation programs are presented in the *Community Classifications Table* below.

TABLE: LEGAL AND REGULATORY CAPABILITY					
	Local Authority	State or Federal Prohibitions	Other Jurisdictional Authority	State Mandated	Comments
Codes, Ordinances & Requirements					
Building Code	Yes	No	No	Yes	International Building, VGC Title 8, Chapter 1, adopted 9/9/2013
Zonings	Yes	No	No	Yes	VGC Title 9, adopted 9/9/2013
Subdivisions	Yes	No	No	No	Sterling Codifiers: 1989 VGC Title 10, adopted 9/9/2013
Stormwater Management	Yes	No	Yes	Yes	State regulates industrial activity from Construction sites 1 acre or larger under section 402 CWA. Sterling Codifiers: 198
Post Disaster Recovery	No	No	No	No	
Real Estate Disclosure	No	No	Yes	Yes	(765 ILCS 77/) Residential Real Property Disclosure Act.
Growth Management	No	No	No	No	
Site Plan Review	Yes	No	No	No	VGC Title 9, Chapter 9-1-4, adopted 9/9/2013
Public Health and Safety	Yes	No	Yes	Yes	Cook County Board of Health. VGC Title 4, adopted 9/9/201
Environmental Protection	Yes	No	No	No	VGC Title 4, adopted 9/9/2013
Planning Documents					
General or Comprehensive Plan	No	No	No	No	
<i>Is the plan equipped to provide linkage to this mitigation plan?</i>					N/A

Floodplain or Basin Plan	No	No	No	No	
Stormwater Plan	Yes	No	Yes	No	Regional stormwater impacts are managed by MWRD. The Village lies within the North Branch of the Chicago River AND the Combined Sewer watershed planning area of MWRD's comprehensive Stormwater Master Planning Program
Capital Improvement Plan	No	No	No	No	
<i>What types of capital facilities does the plan address?</i>					N/A
<i>How often is the plan revised/updated?</i>					N/A
Habitat Conservation Plan	No	No	No	No	
Economic Development Plan	Yes	No	Yes	Yes	The Economic Development Commission is charged with reviewing all economic development related programs and incentives including tax incentives offered through the Cook County 6b program.
Shoreline Management Plan	No	No	No	No	
Response/Recovery Planning					
Comprehensive Emergency Management Plan	No	No	Yes	Yes	Cook County DHSEM
Threat and Hazard Identification and Risk Assessment	No	No	Yes	No	Cook County DHSEM Preparing THIRA
Terrorism Plan	No	No	Yes	Yes	Cook County DHSEM
Post-Disaster Recovery Plan	No	No	No	No	Cook County DHSEM
Continuity of Operations Plan	No	No	Yes	No	Cook County DHSEM
Public Health Plans	No	No	Yes	No	Cook County DPH

TABLE: FISCAL CAPABILITY	
Financial Resources	Accessible or Eligible to Use?
Community Development Block Grants	Yes
Capital Improvements Project Funding	No
Authority to Levy Taxes for Specific Purposes	Yes

User Fees for Water, Sewer, Gas or Electric Service	Yes
Incur Debt through General Obligation Bonds	Yes
Incur Debt through Special Tax Bonds	Yes
Incur Debt through Private Activity Bonds	No
Withhold Public Expenditures in Hazard-Prone Areas	Yes
State Sponsored Grant Programs	Yes
Development Impact Fees for Homebuyers or Developers	Yes
Other	Yes

TABLE: ADMINISTRATIVE AND TECHNICAL CAPABILITY		
Staff/Personnel Resources	Available?	Department/Agency/Position
Planners or engineers with knowledge of land development and land management practices	Yes	Hired by Village as needed
Engineers or professionals trained in building or infrastructure construction practices	Yes	Golf Building Inspector
Planners or engineers with an understanding of natural hazards	Yes	Hired by Village as needed
Staff with training in benefit/cost analysis	No	
Surveyors	Yes	Hired by Village as needed
Personnel skilled or trained in GIS applications	Yes	Cook County GIS Consortium
Scientist familiar with natural hazards in local area	No	
Emergency manager	Yes	Cook County DHSEM
Grant writers	Yes	

TABLE: NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE	
What department is responsible for floodplain management in your jurisdiction?	Public Works
Who is your jurisdiction’s floodplain administrator? (department/position)	Village Engineer by ordinance
Are any certified floodplain managers on staff in your jurisdiction?	No
What is the date of adoption of your flood damage prevention ordinance?	8/11/2008
When was the most recent Community	Have not received a Community Assistance Visit
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? If so, please state what they are.	Not at this time
Do your flood hazard maps adequately address the flood risk within your jurisdiction? (If no, please state why)	Yes

Does your floodplain management staff need any assistance or training to support its floodplain management program? If so, what type of assistance/training is needed?	A community assistance contact would be most appreciated
Does your jurisdiction participate in the Community Rating System (CRS)? If so, is your jurisdiction seeking to improve its CRS Classification? If not, is your jurisdiction interested in joining the CRS program?	No, We would need to know more about CRS before answering.

TABLE: COMMUNITY CLASSIFICATIONS			
	Participating?	Classification	Date Classified
Community Rating System	No	N/A	N/A
Building Code Effectiveness Grading Schedule	Unknown	Unknown	Unknown
Public Protection/ISO	Yes	3	Unknown
StormReady	Yes	Gold (Countywide)	2014
Tree City USA	No	N/A	N/A

Jurisdiction-Specific Natural Hazard Event

The information provided below was solicited from the jurisdiction and supported by NOAA and other relevant data sources.

The *Natural Hazard Events Table* lists all past occurrences of natural hazards within the jurisdiction.

- Repetitive flood loss records are as follows: Number of FEMA-Identified Repetitive Loss Properties: 0
- Number of FEMA-Identified Severe Repetitive Loss Properties: 0
- Number of Repetitive Flood Loss/Severe Repetitive Loss Properties That Have Been Mitigated: 0

Type of Event	FEMA Disaster Number (if applicable)	Date	Preliminary Damage Assessment
Blizzards	-	12/2012-2/2013	-
Severe Thunderstorms	-	6/11/2011	Trees & Limbs down. Road blockage
Severe Weather	-	-	See Glenview
Storm Flooding	-	4/2013	-

Jurisdiction-Specific Hazards and Impacts

Hazards that represent a county-wide risk are addressed in the Risk Assessment section of the 2019 Cook County Multi-Jurisdictional Hazard Mitigation Plan Update. This section only addresses the hazards and their associated impacts that are **relevant** and **unique** to the municipality.

Flood: Golf Rd, East of Waukegan and West of Overlook (Metra Train Bridge) underpass constantly floods (state-owned and maintained).

Snow: The Village contracts out to private services to maintain the streets (i.e. plowing, salting, etc.) in the event of heavy snow.

Hazard Risk Ranking

The *Hazard Risk Ranking Table* below presents the ranking of the hazards of concern. Hazard area extent and location maps are included at the end of this chapter. These maps are based on the best available data at the time of the preparation of this plan, and are considered to be adequate for planning purposes.

Rank	Hazard Type	Risk Rating Score (Probability x Impact)
1	Severe Weather	54
2	Severe Winter Weather	54
3	Tornado	51
4	Earthquake	32
5	Flood	6
6	Drought	2
7	Dam Failure	0

Mitigation Strategies and Actions

The heart of the mitigation plan is the mitigation strategy, which serves as the long-term blueprint for reducing the potential losses identified in the risk assessment. The mitigation strategy describes how the community will accomplish the overall purpose, or mission, of the planning process. In this section, mitigation actions/projects were updated/amended, identified, evaluated, and prioritized. This section is organized as follows:

- New Mitigation Actions - New actions identified during this 2019 update process
- Ongoing Mitigation Actions - Ongoing actions with no definitive end or that are still in progress. During the 2019 update, these "ongoing" mitigation actions and projects were modified and/or amended, as needed.
- Completed Mitigation Actions - An archive of all identified and completed projects, including completed actions since 2014.

The *Hazard Mitigation Action Plan Matrix Table* below lists the actions that make up the jurisdiction’s hazard mitigation plan. The *Mitigation Strategy Priority Schedule Table* identifies the priority for each action.

TABLE: HAZARD MITIGATION ACTION PLAN MATRIX						
Status	Hazards Mitigated	Objectives Met	Lead Agencies	Estimated Cost	Sources of Funding	Timeline/Projected Completion Date (a)
Action G4.1 —Emerald Ash borer education and tree removal.						
Completed	Severe Weather, Severe Winter Weather, tornado	1, 2, 13	Village of Golf	Medium	General Revenue	Completed
Action G4.2 —Enhance building permit process to include notification of known risks and streamlining of the permit process.						
Completed	All	1, 3, 4, 6, 10	Village of Golf	Low	General Revenue	Completed
Action G4.3 —Post a link to the regional Hazard Mitigation Plan as well as other information on risk awareness and risk reduction on the Village’s website.						
Ongoing	All	6, 8	Village of Golf	Low	General Revenue	Ongoing
Action G4.4 —Maintain functionality of the storm sewer system by establishing a landscape waste removal program to prevent storm sewers from clogging will leaves during severe weather and flooding events.						
Ongoing	Flood, Severe Weather	1, 2, 8	Village of Golf	Medium	General Revenue	Short-term
Action G4.5 —Maintain/update “Code Red” emergency notification system.						
Ongoing	All	5, 6	Village of Golf	Low	General Revenue	Ongoing

Action G4.6 —Where appropriate, support retrofitting, purchase, or relocation of structures in hazard-prone areas to prevent future structure damage. Give priority to properties with exposure to repetitive losses.						
Ongoing	All	7, 13	Village of Golf	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action G4.7 —Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.						
Ongoing	Flooding	4, 6, 9	Village of Golf	Low	General Revenue	Short-term and ongoing
Action G4.8 —Consider the development and implementation of a Capital Improvements Program (CIP) to increase the Village’s regulatory, financial and technical capability to implement mitigation actions.						
Ongoing	All	1, 2, 7	Public Works	High	CIP component of general fund (if implemented)	Long-term
Action G4.9 —Continue to support the countywide actions identified in this plan.						
Ongoing	All	All	Village of Golf	Low	General Fund	Short- and long-term
Action G4.10 —Actively participate in the plan maintenance strategy identified in this plan.						
Ongoing	All	3, 4, 6	DHSEM, Village of Golf	Low	General Revenue	Short-term, ongoing
Action G4.11 —Development of a GIS Tree inventory system.						
Ongoing	All	13	Village of Golf	TBD	TBD	Ongoing
Action G4.12 —Where appropriate, support retrofitting, purchase, or relocation of structures in hazard-prone areas to prevent future structure damage. Give priority to properties with exposure to repetitive losses						
Removed	Flood	7, 9	TBD	TBD	TBD	Removed
Action G4.13 —Utilize the sanitary sewers videotape to inform, evaluate, and implement the re-lining of the sewers						
New	Flood	9	TBD	\$50,000; Low	Village Budget	TBD
(a) Ongoing indicates continuation of an action that is already in place. Short-term indicates implementation within five years. Long-term indicates implementation after five years.						

TABLE: MITIGATION STRATEGY PRIORITY SCHEDULE

Action Number	Number of Objectives Met	Benefits	Costs	Do Benefits Equal	Is Project Grant-Eligible?	Can Project Be Funded Under Existing Programs/Budgets?	Priority (a)
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				or Exceed Costs?			
1	3	Medium	Medium	Yes	No	Yes	High
2	5	Medium	Low	Yes	No	Yes	High
3	2	Low	Low	Yes	No	Yes	High
4	3	Medium	Medium	Yes	No	Yes	High
5	2	High	Low	Yes	No	Yes	High
6	2	High	High	Yes	Yes	No	Medium
7	3	Medium	Low	Yes	No	Yes	High
8	3	High	High	Yes	No	No	Medium
9	13	Medium	Low	Yes	No	Yes	High
10	3	Low	Low	Yes	Yes	Yes	High
11	1	TBD	TBD	TBD	TBD	TBD	TBD
13	1	High	Low	Yes	No	Yes	High

(a) See Chapter 1 for explanation of priorities.

New Mitigation Actions

The following are new mitigation actions created during the 2019 update.

Action G-4.13

Mitigation Action	Utilize the sanitary sewers videotape to inform, evaluate, and implement the re-lining of the sewers
Year Initiated	2019
Applicable Jurisdiction	Village of Golf
Lead Agency/Organization	TBD
Supporting Agencies/Organizations	
Applicable Goal	Protect public services and critical facilities, including infrastructure, from loss of use during natural hazard events.
Applicable Objective	Provide or improve flood protection on a watershed basis with flood control structures and drainage maintenance plans.
Potential Funding Source	Village Budget
Estimated Cost	\$50,000
Benefits (loss avoided)	Reduce sewage backup into residences
Projected Completion Date	August 2019
Priority and Level of Importance (Low, Medium, High)	High Priority
Benefit Analysis (Low, Medium, High)	High- Project will provide an immediate reduction of risk exposure for life and property.
Cost Analysis (Low, Medium, High)	Low- The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.
Actual Completion Date	TBD

Recommended Mitigation Action/Implementation Plan and Project Description	
Action/Implementation Plan and Project Description:	

Mitigation Action and Project Maintenance		
Year	Status	Comments
2019	New	
2020		
2021		
2022		
2023		

Mitigated Hazards	
	All Hazards
	Dam/Levee Failure
	Drought
	Earthquake
X	Flood
	Extreme Heat
	Lightning
	Hail
	Fog
	High Wind
	Snow
	Blizzard
	Extreme Cold
	Ice Storms
	Tornado
	Epidemic or pandemic
	Nuclear Power Plant Incident
	Widespread Power Outage
	Coastal Erosion
	Secondary Impacts from Mass Influx of Evacuees
	Hazardous Materials Incident

Ongoing Mitigation Actions

The following are ongoing actions with no definitive end or that are still in progress. During the 2019 update, these "ongoing" mitigation actions and projects were modified and/or amended, as needed.

Action G-4.3

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# G-4.3	Post a link to the regional Hazard Mitigation Plan as well as other information on risk awareness and risk reduction on the Village's website.	
Status Description: Yes	Information is continuously updated to inform our residents on risk awareness and reduction efforts.	O
Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken		

Action G-4.4

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# G-4.4	Maintain functionality of the storm sewer system by establishing a landscape waste removal program to prevent storm sewers from clogging with leaves during severe weather and flooding events.	
Status Description: Yes	Landscape waste bags are utilized and the constant monitoring of the storm sewers throughout the Village are monitored for and backups or clogging.	O
Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken		

Action G-4.5

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# G-4.5	Maintain/update "Code Red" emergency notification system.	
Status Description: Yes	Upgrades to systems software are done on a consistent basis.	O
Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken		

Action G-4.6

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# G-4.6	Where appropriate, support retrofitting, purchase or relocation of structures in hazard-prone areas to prevent future structure damage. Give priority to properties with exposure to repetitive losses.	
Status Description: No		O
Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken		

Action G-4.7

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# G-4.7	Maintain good standing under the National Flood Insurance program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include an adopted flood damage prevention ordinance.. Participating in floodplain mapping updates and providing public assistance and information on floodplain requirements and impacts.	
Status Description: Yes		O
Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken		

Action G-4.8

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# G-4.8	Consider the development and implementation of a Capital Improvements Program (CIP) to increase the Village's regulatory, financial and technical capability to implement mitigation actions.	
Status Description: Yes	The Village Board is consistently monitoring needed Capital improvements and has an account in place to fund those improvements when needed. This is on going event.	O
Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken		

Action G-4.9

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# G-4.9	Continue to support the countywide actions identified in this plan.	
Status Description: Yes		O
Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken		

Action G-4.10

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# G-4.10	Actively participate in the plan maintenance strategy identified in this plan.	
Status Description:		O
Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken		

Action G-4.11

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# G-4.11	Development of a GIS Tree inventory system.	
Status Description: Yes	The Village completed a GIS Tree inventory system which inputs data on every tree owned by the village. Said data includes the age, photo, species, height, condition and location. The documented date will allow the village to identify those trees in need of removal or trimming.	O
Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken		

Completed Mitigation Actions

The following section represents completed mitigation actions, and serves as an archive of identified and completed projects.

Action G-4.1

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# G-4.1	Emerald Ash borer and tree removal.	
Status Description: Yes	Infected trees were identified and removed.	C
Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken		

Action G-4.2

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# G-4.2	Enhance building permit process to include notification of known risks and streamlining of the permit process.	
Status Description: Yes	The new Village Administrator has taken on a dual role, as both the Village Administrator and Building Permit Administrator, which includes more effective and conducive hours, for the issuance of building permits, etc.	C
Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken		

Future Needs to Better Understand Risk/Vulnerability

None at this time.

Additional Comments

None at this time.

HAZUS-MH Risk Assessment Results

GOLF EXISTING CONDITIONS	
2010 Population	500
Total Assessed Value of Structures and Contents	\$122,720,489
Area in 100-Year Floodplain	32.07 acres
Area in 500-Year Floodplain	41.62 acres
Number of Critical Facilities	6

HAZARD EXPOSURE IN GOLF						
	Number Exposed		Value Exposed to Hazard			% of Total Assessed Value Exposed
	Population	Buildings	Structure	Contents	Total	
Dam Failure						
Buffalo Creek	0	0	\$0	\$0	\$0	0.00%
U. Salt Cr. #2	0	0	\$0	\$0	\$0	0.00%
Touhy	0	0	\$0	\$0	\$0	0.00%
U. Salt Cr. #3	0	0	\$0	\$0	\$0	0.00%
U. Salt Cr. #4	0	0	\$0	\$0	\$0	0.00%
Flood						
100-Year	0	0	\$0	\$0	\$0	0.00%
500-Year	0	0	\$0	\$0	\$0	0.00%
Tornado						
100-Year	—	—	\$63,694,939	\$32,352,298	\$96,047,237	78.27%
500-Year	—	—	\$81,153,951	\$41,158,800	\$122,312,752	99.67%

ESTIMATED PROPERTY DAMAGE VALUES IN GOLF				
	Estimated Damage Associated with Hazard			% of Total Assessed Value Damaged
	Building	Contents	Total	
Dam Failure				
Buffalo Creek	\$0	\$0	\$0	0.00%
U. Salt Cr. #2	\$0	\$0	\$0	0.00%
Touhy	\$0	\$0	\$0	0.00%
U. Salt Cr. #3	\$0	\$0	\$0	0.00%
U. Salt Cr. #4	\$0	\$0	\$0	0.00%
Earthquake				

1909 Historical Event	\$478,397	\$85,977	\$564,374	0.46%
Flood				
10-Year	\$0	\$0	\$0	0.00%
100-Year	\$0	\$0	\$0	0.00%
500-Year	\$0	\$0	\$0	0.00%
Tornado				
100-Year	\$6,369,494	\$3,235,230	\$9,604,724	7.83%
500-Year	\$11,848,477	\$6,009,185	\$17,857,662	14.55%

Hazard Mapping





